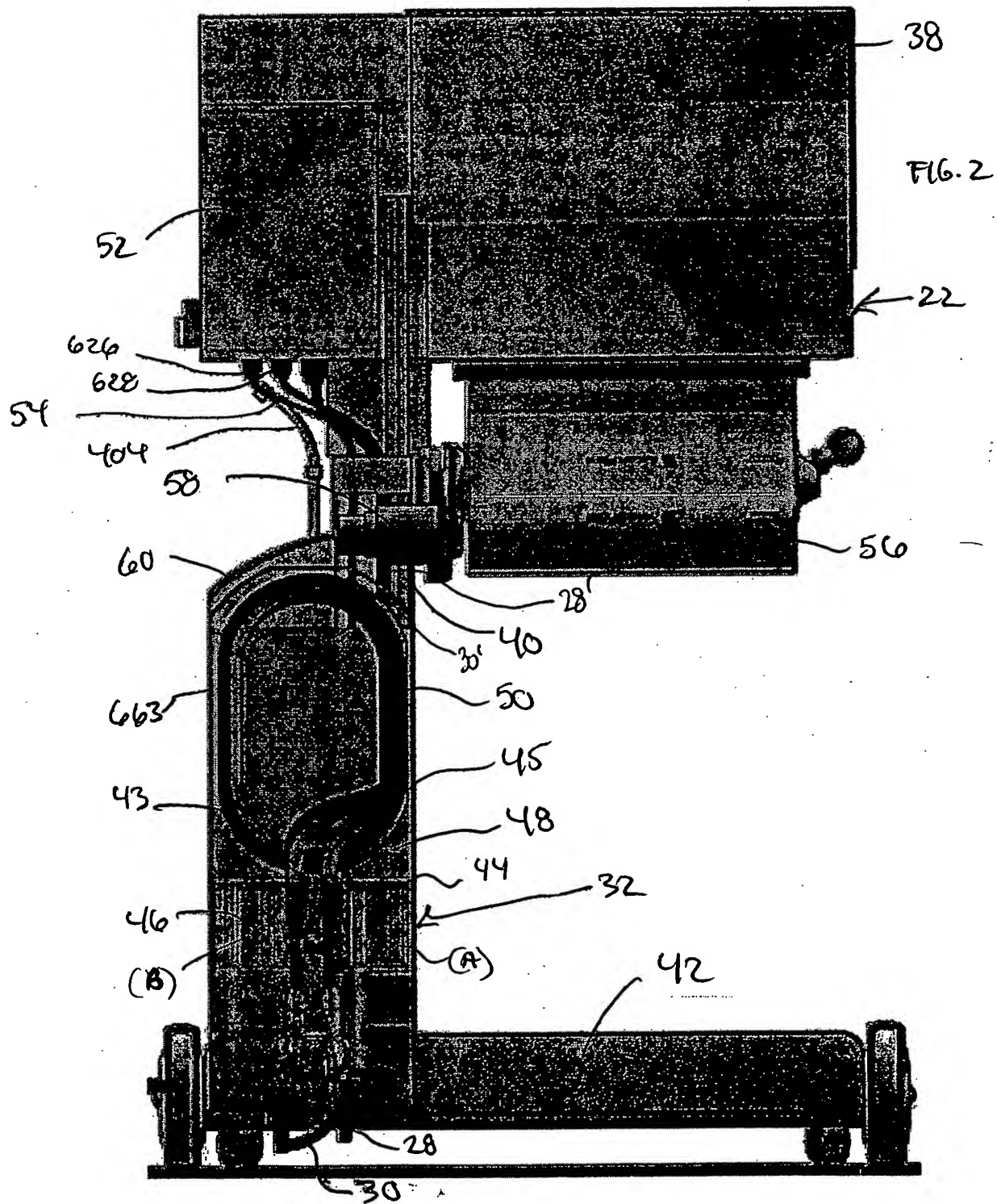


FIG. 1



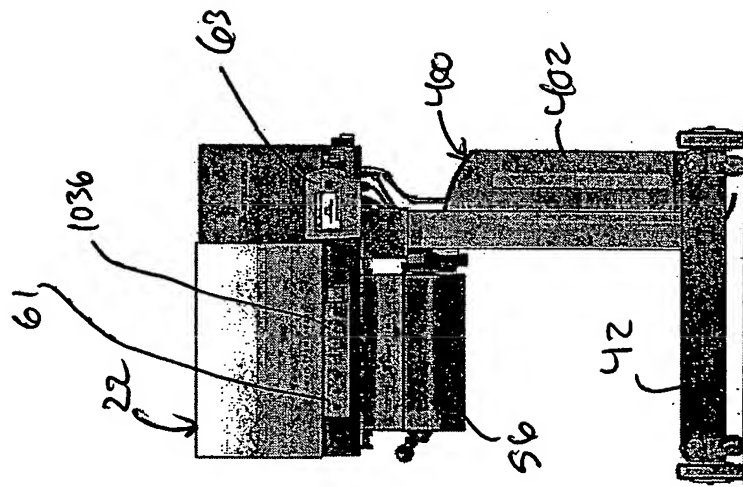


FIG. 3

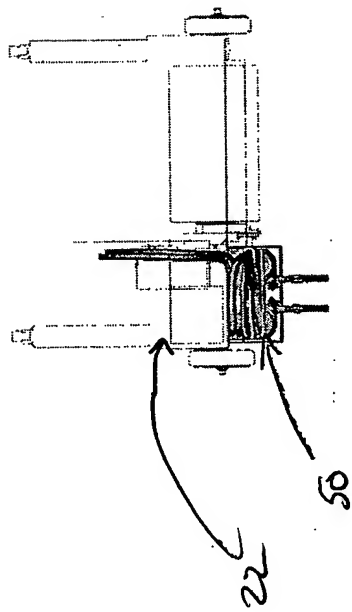


FIG. 4

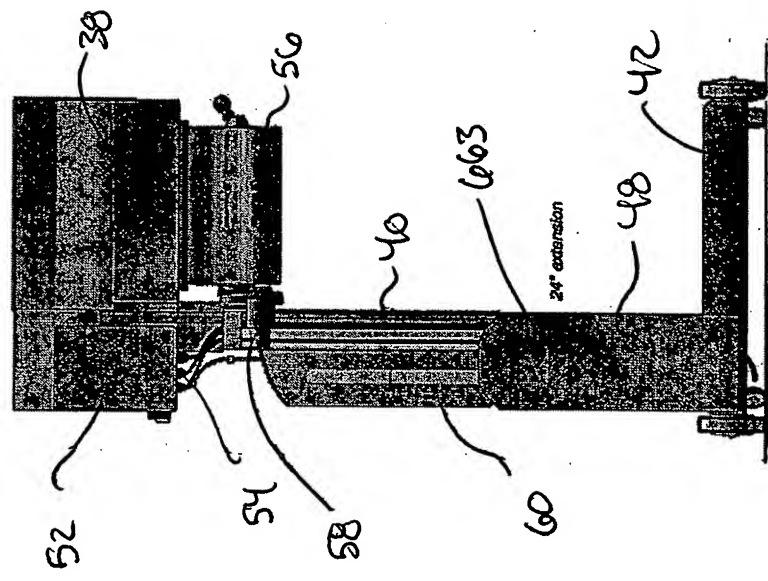


FIG-5

FIG. 6

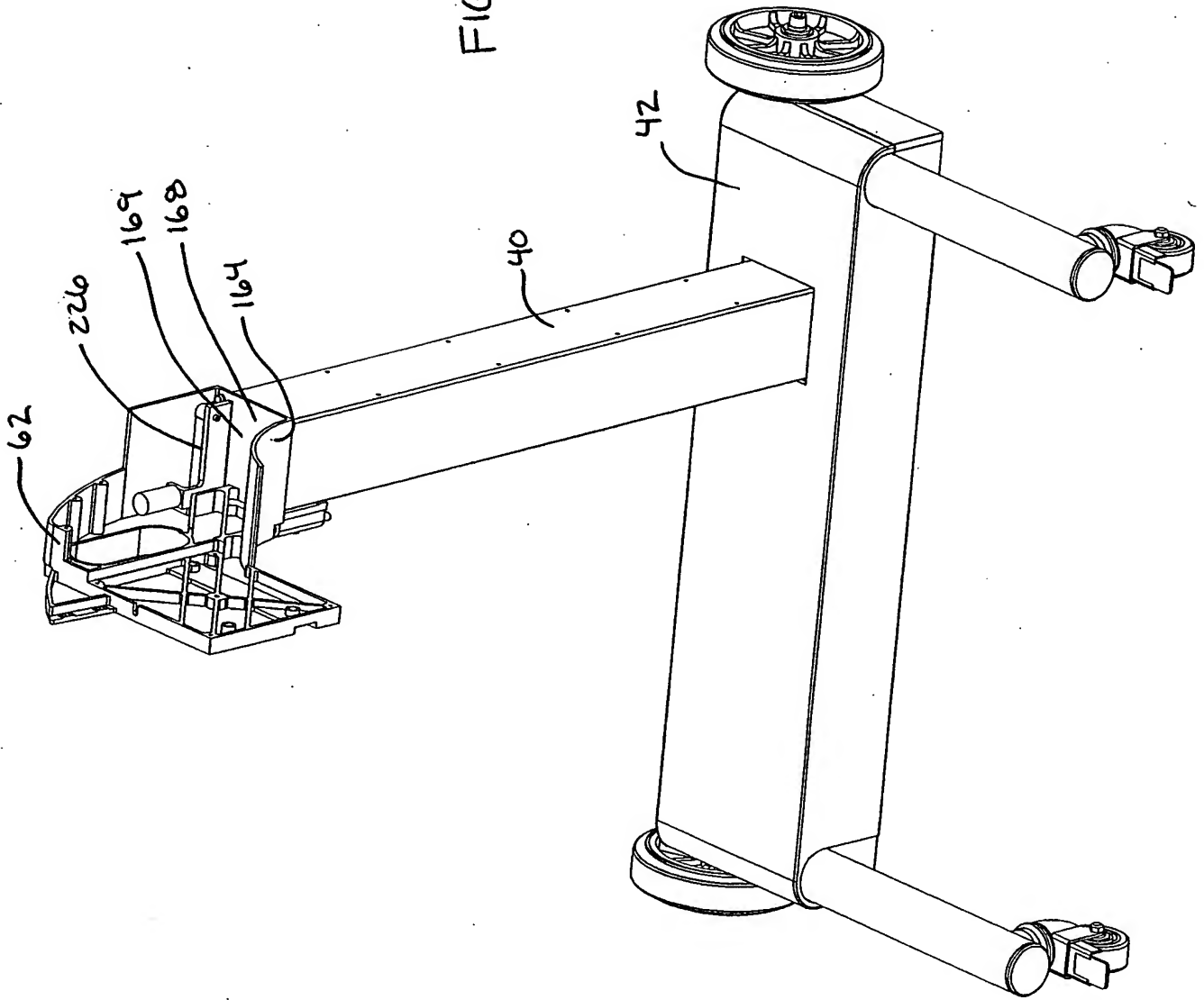




FIG. 8

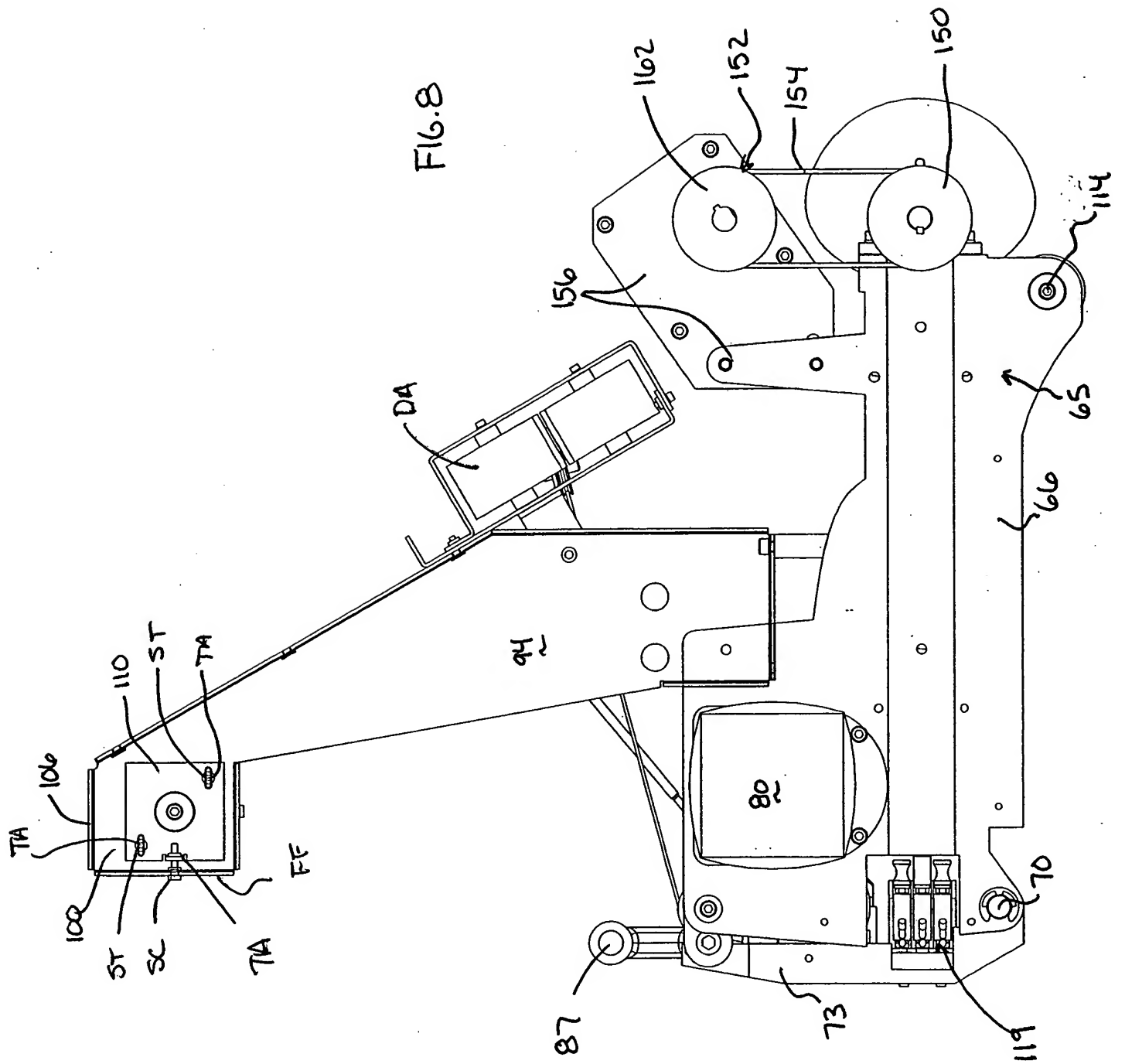
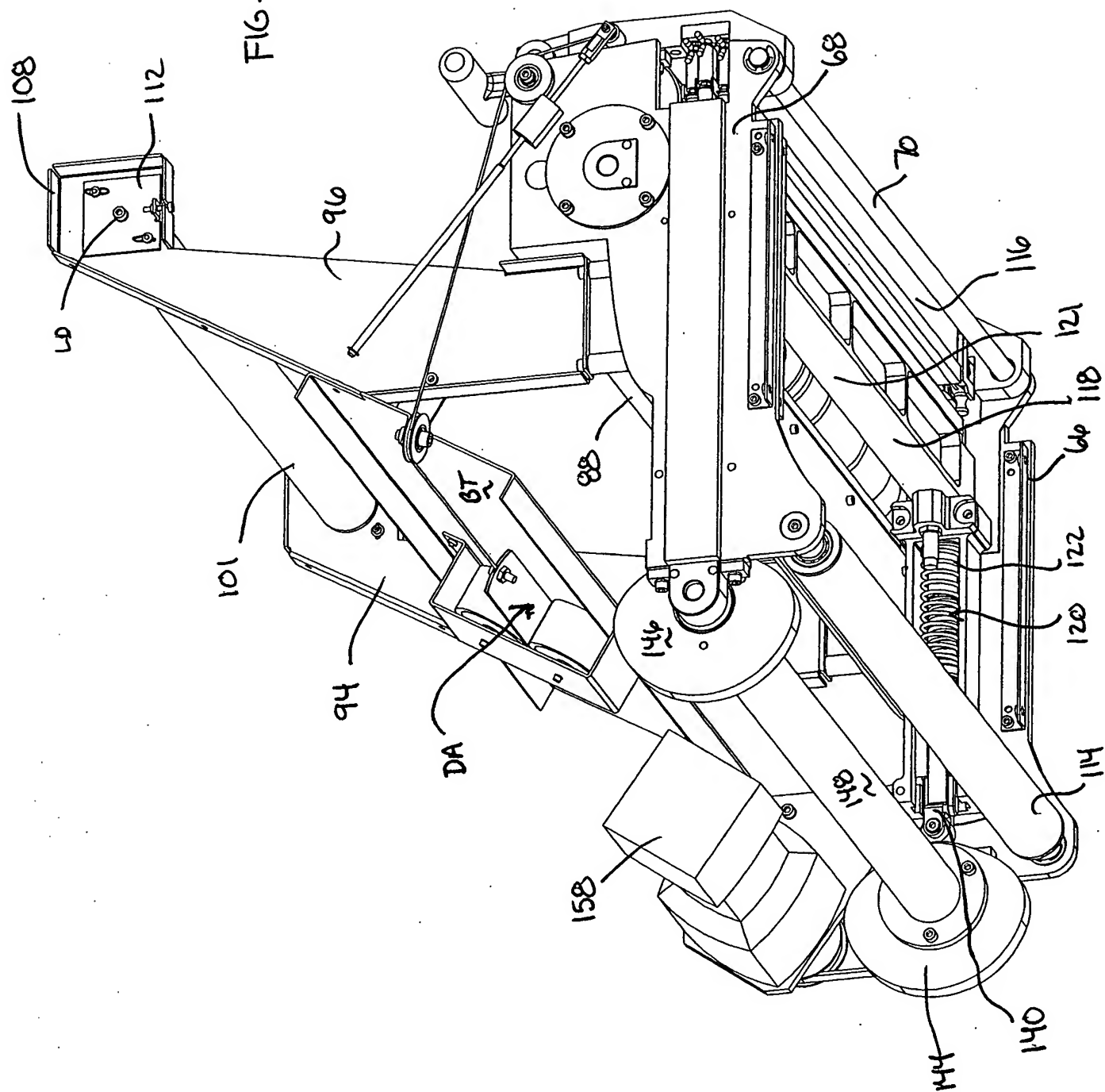


FIG. 9



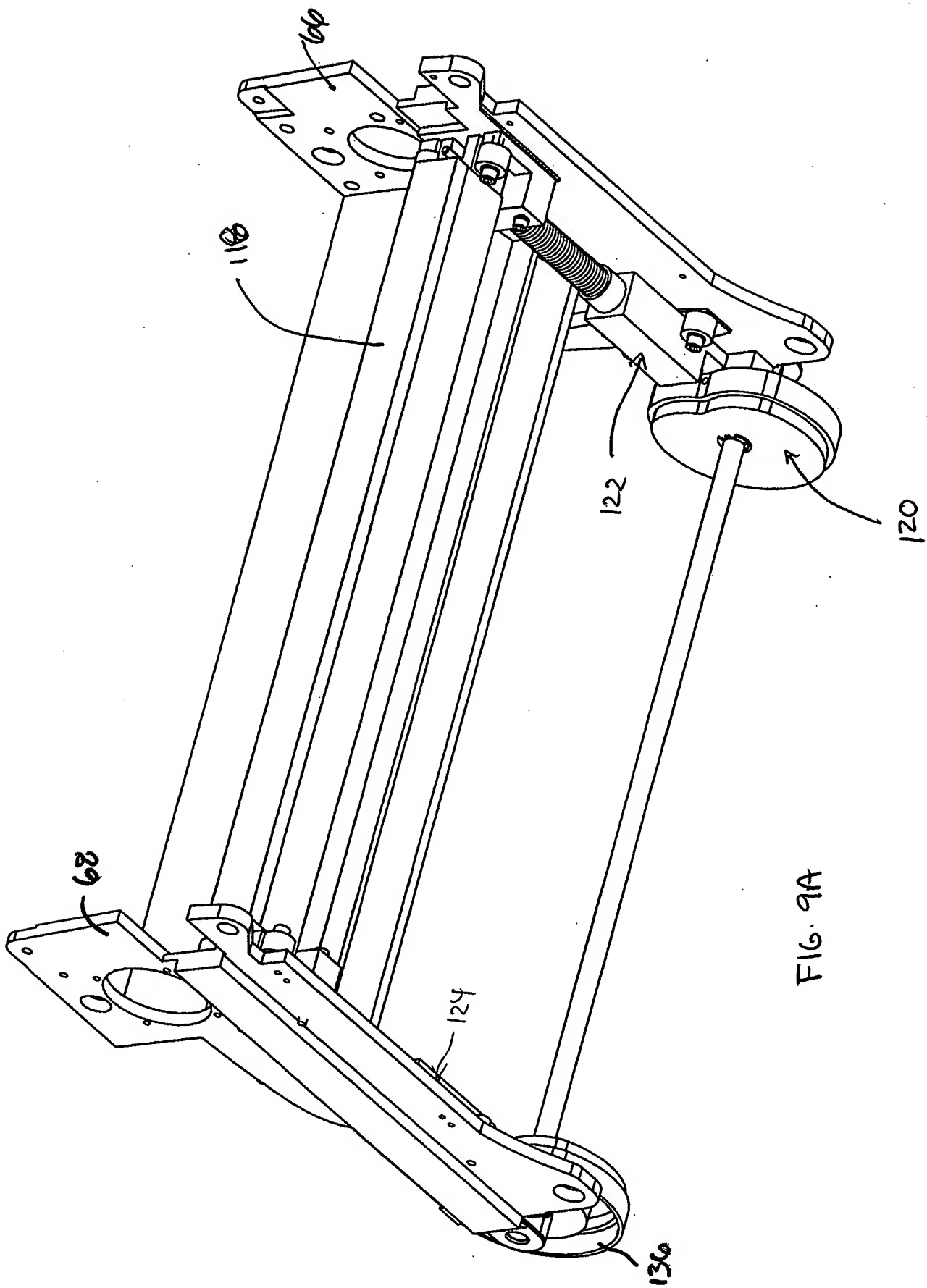
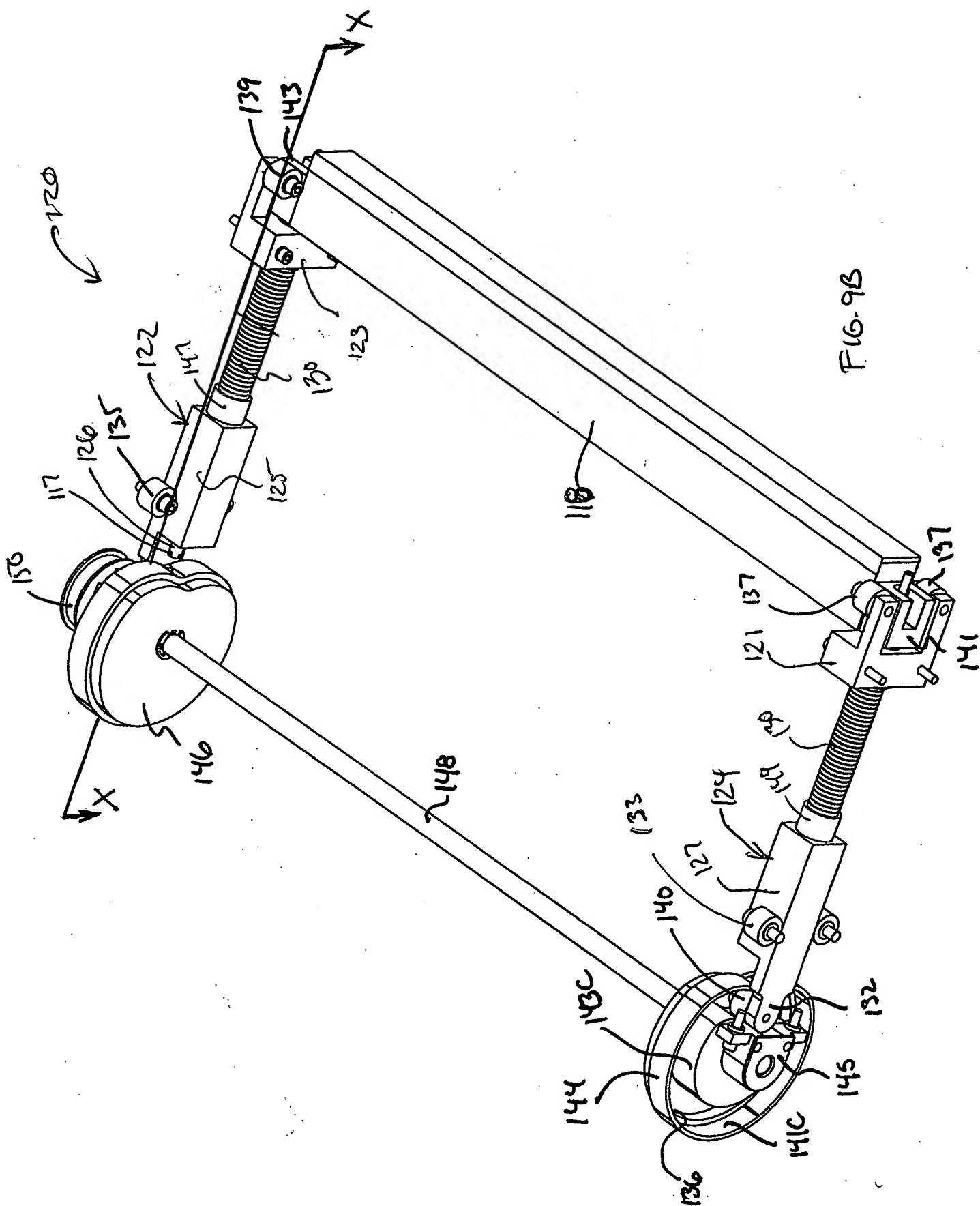
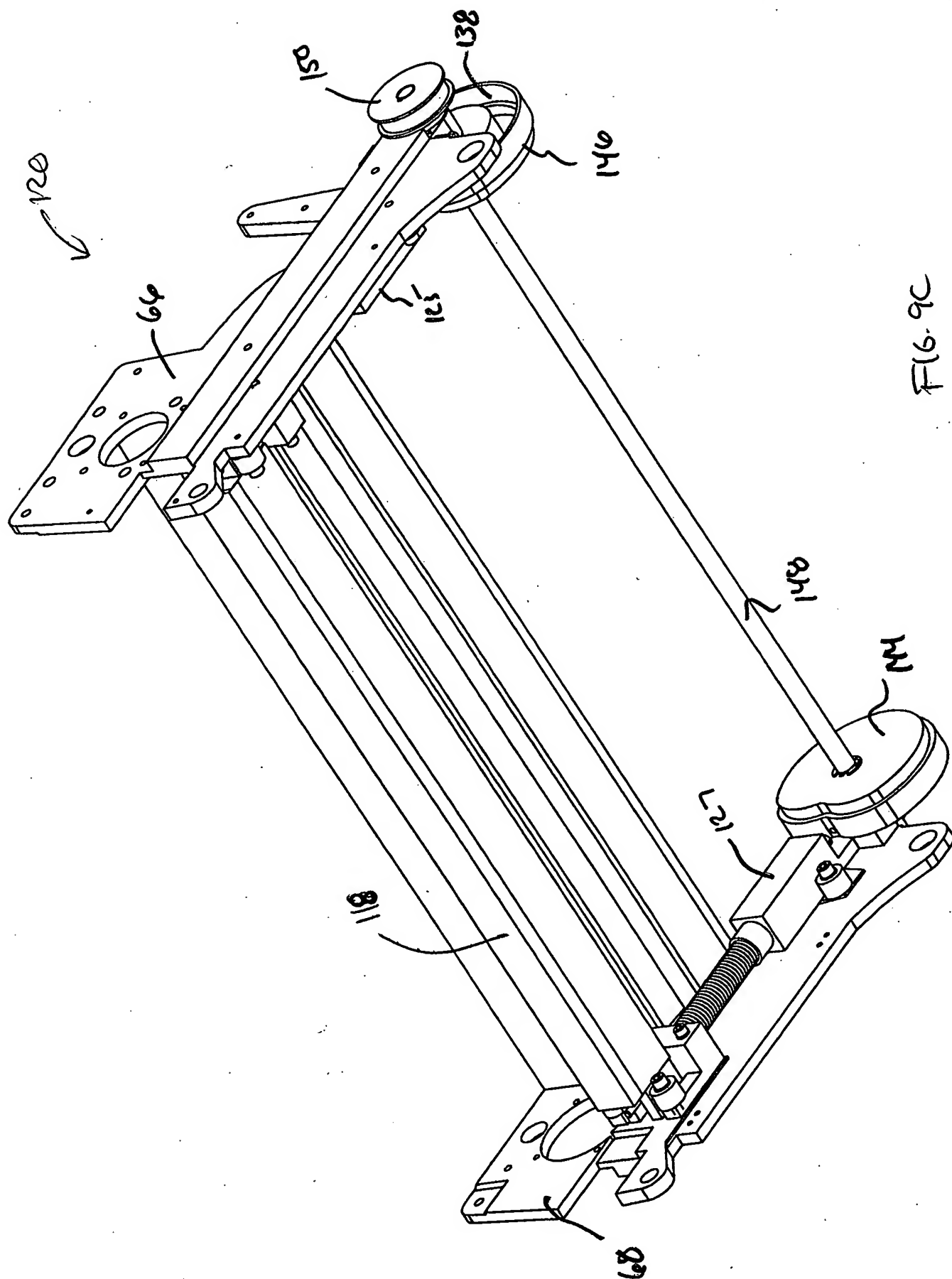


FIG. 9A





F16.9C

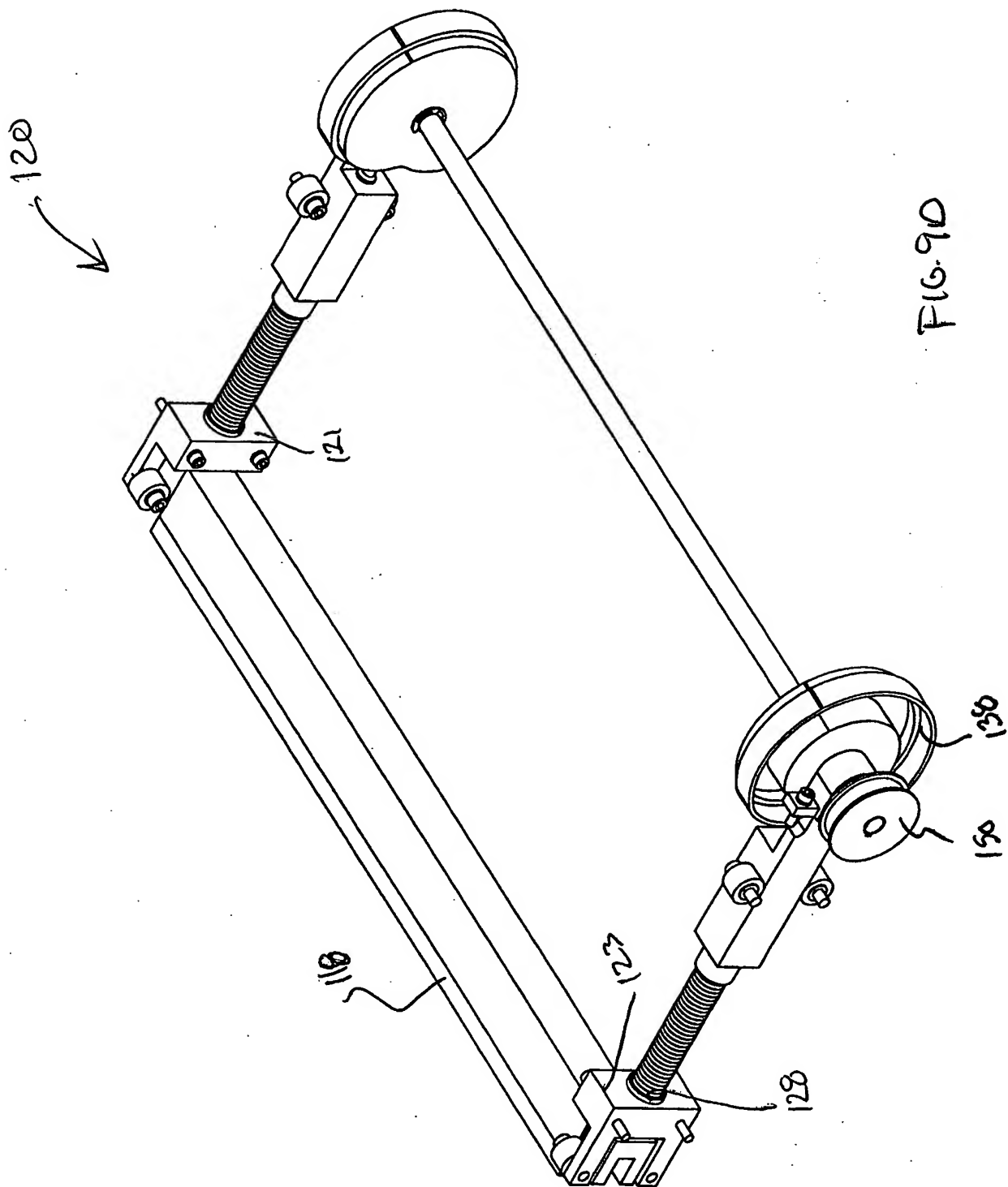
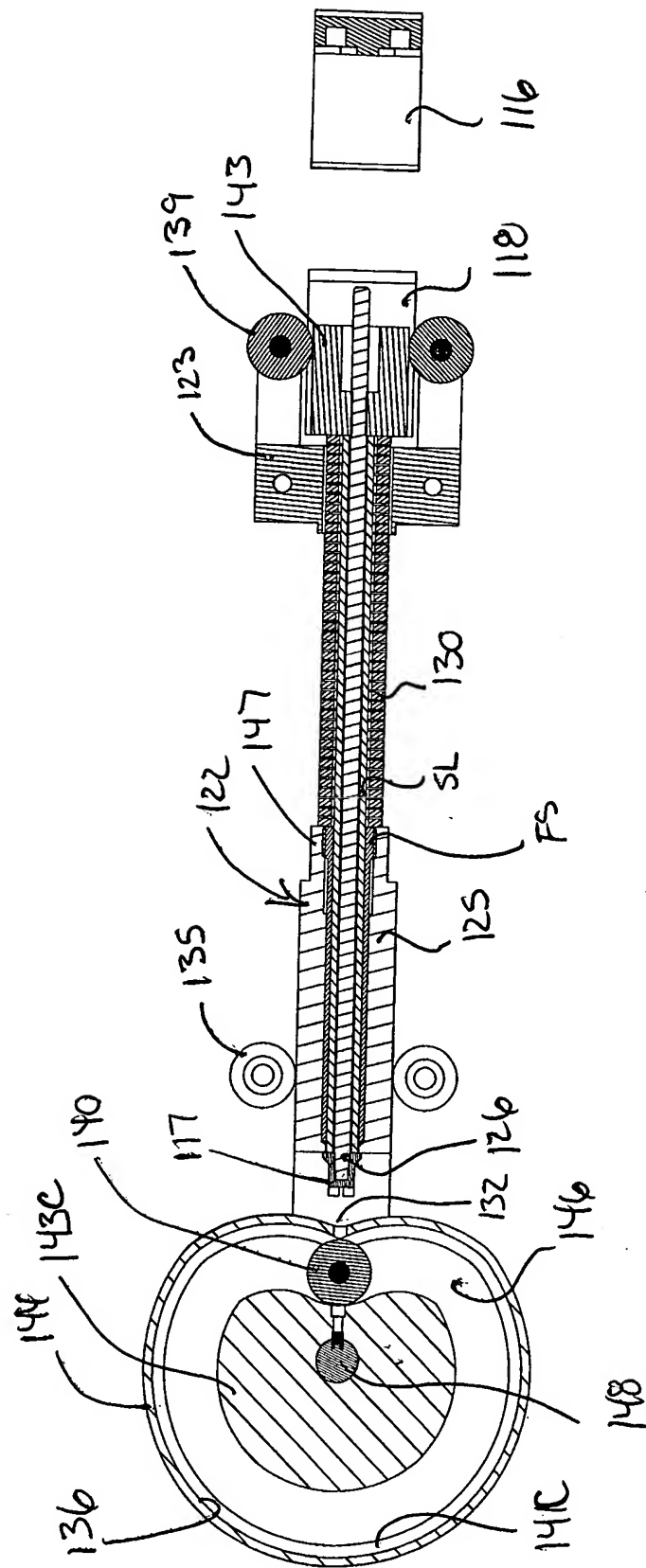


Fig. 9E



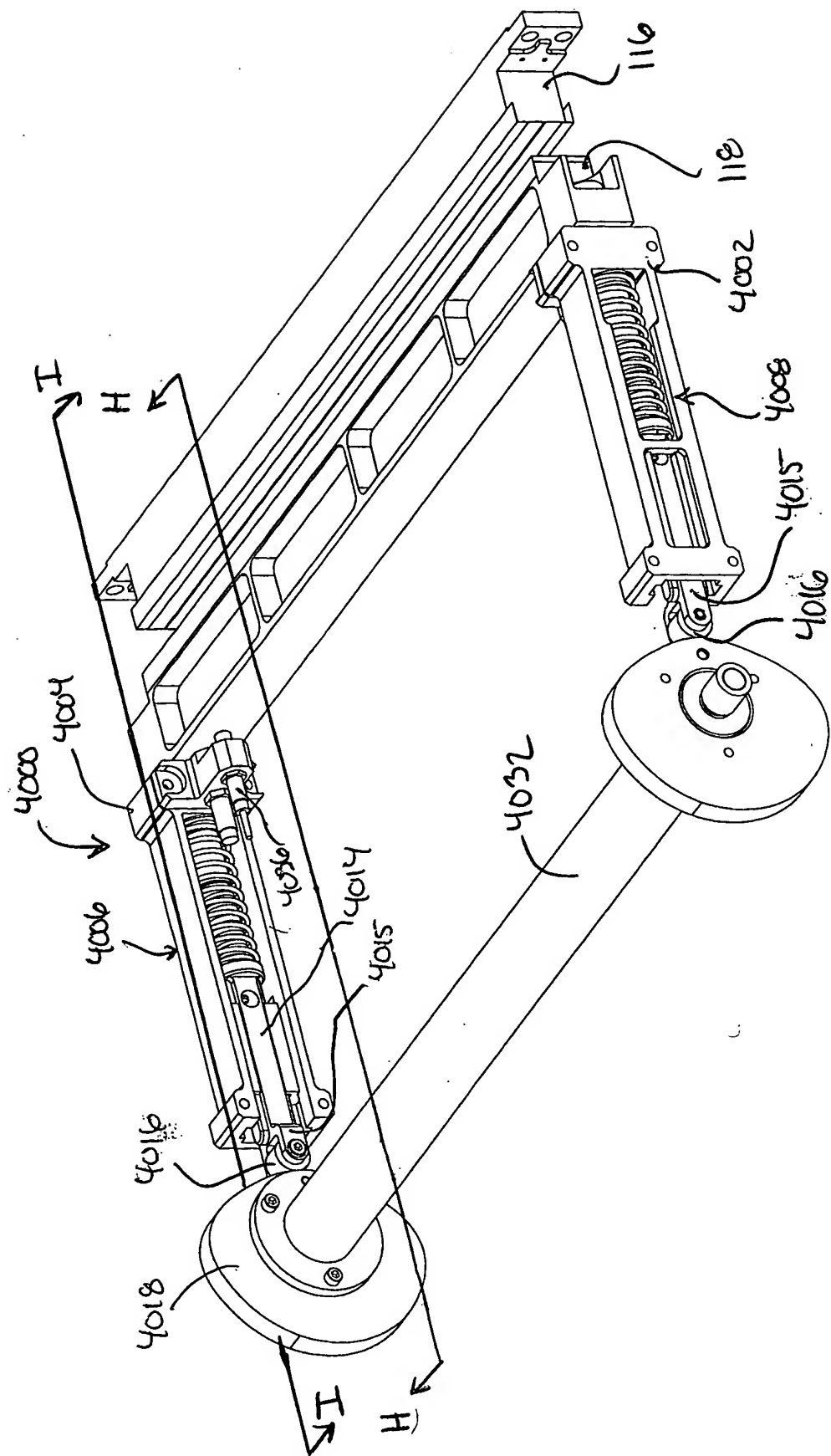


FIG. 9F

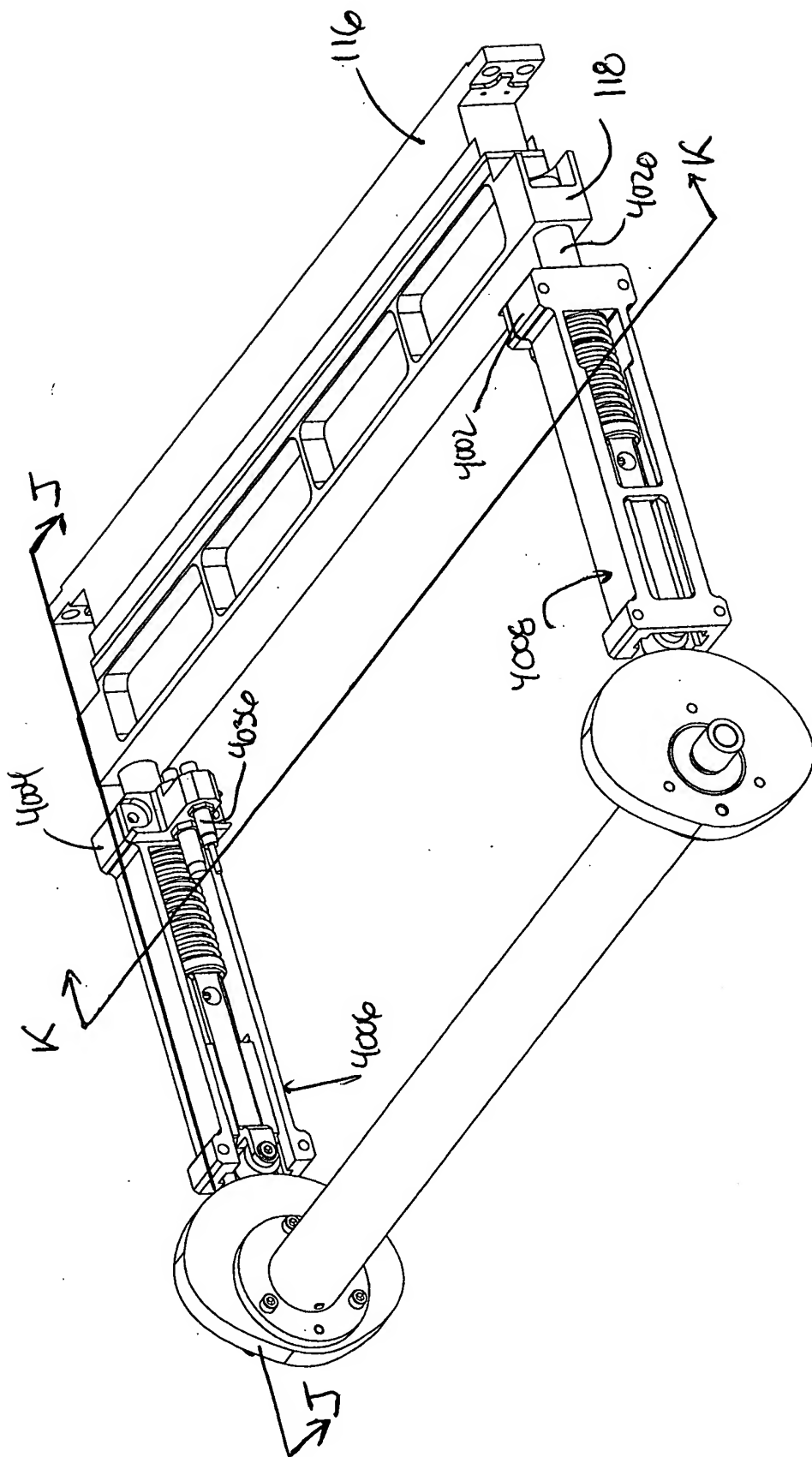


FIG. 9C

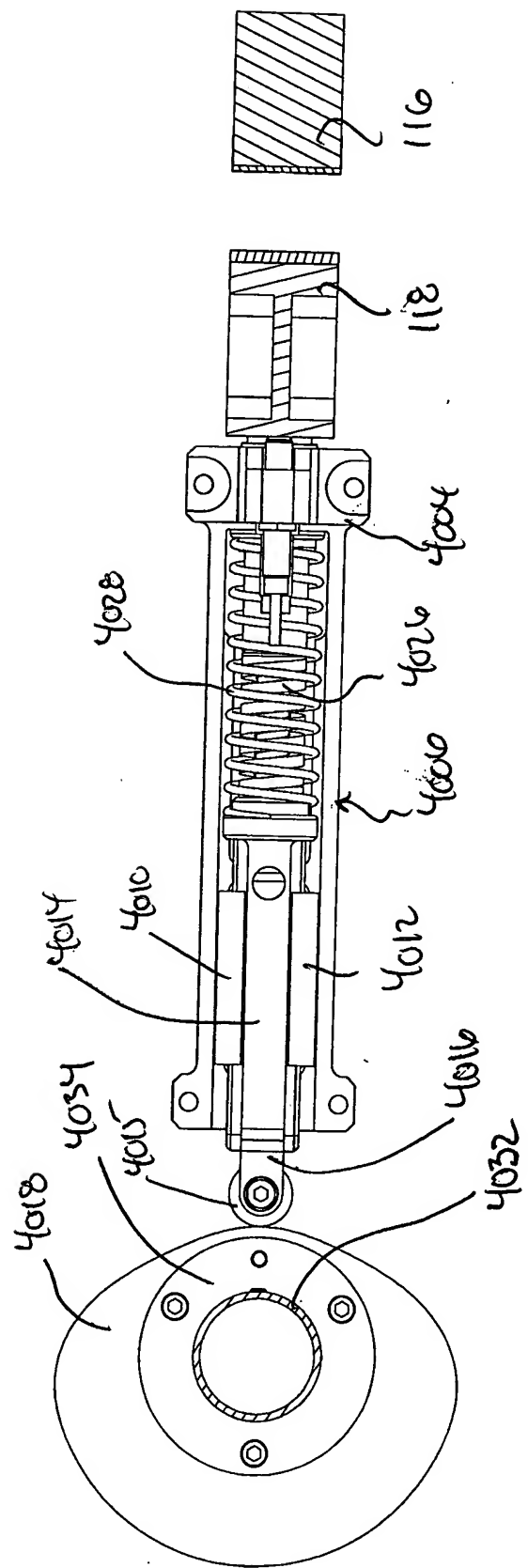


FIG. 9H



FIG. 9I

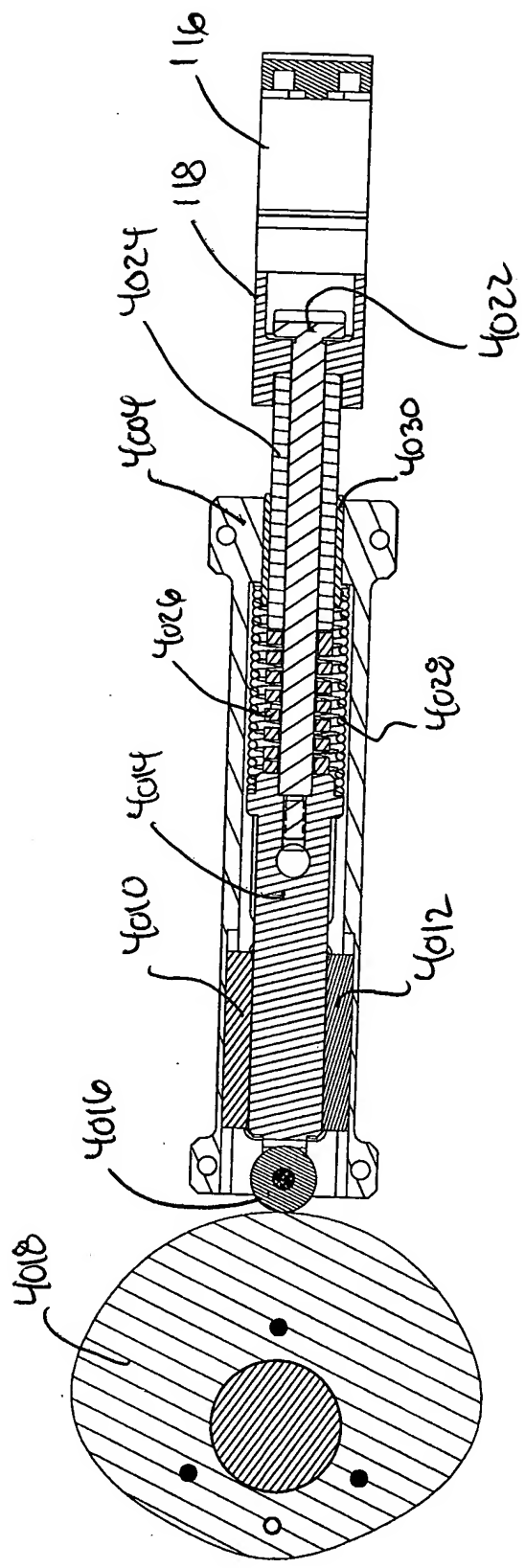


FIG. 95

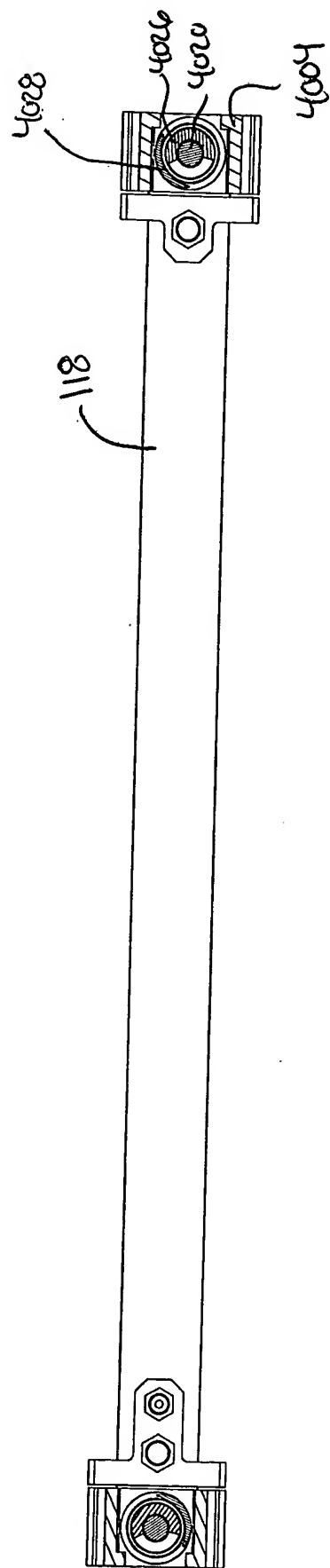
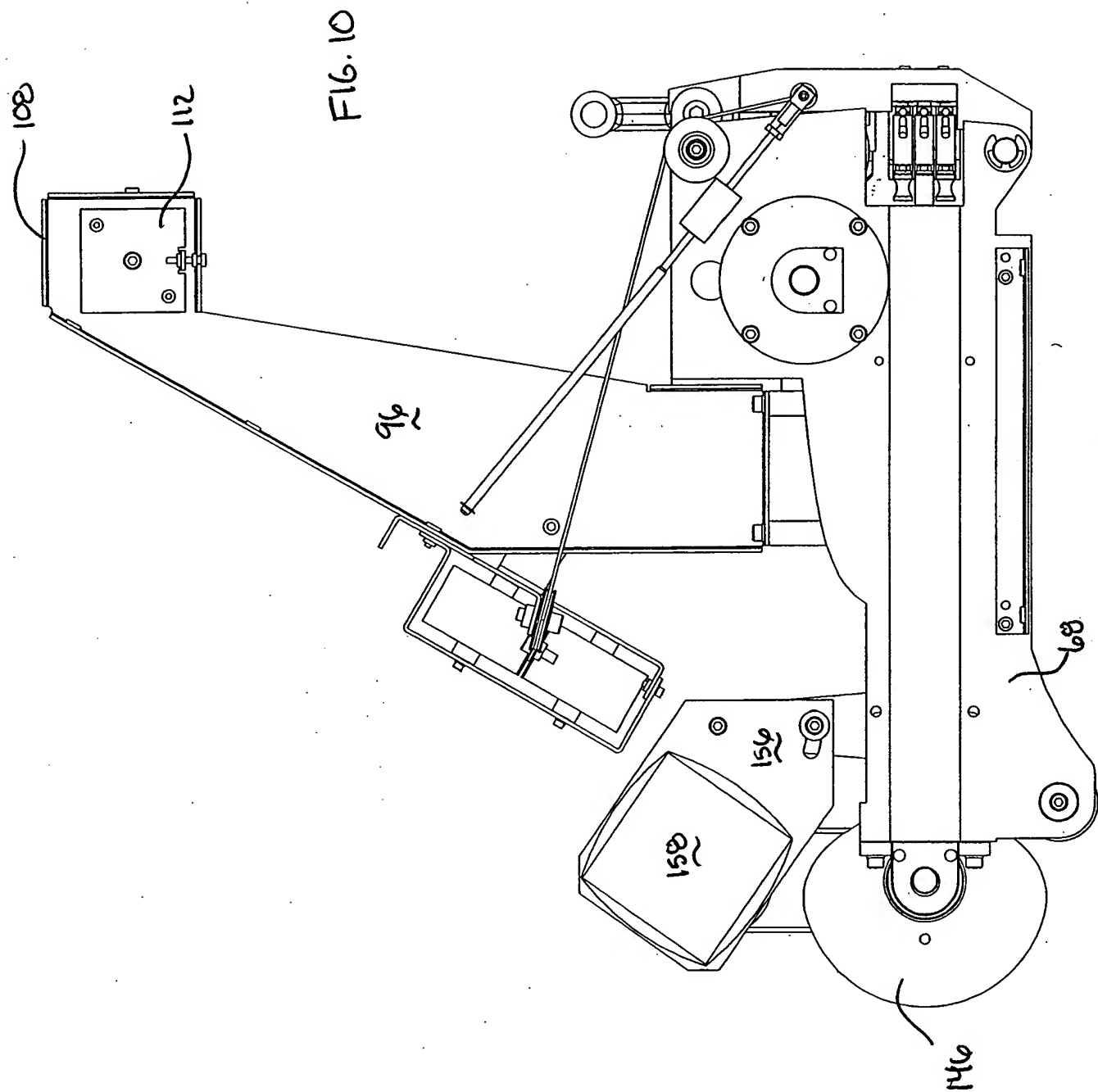
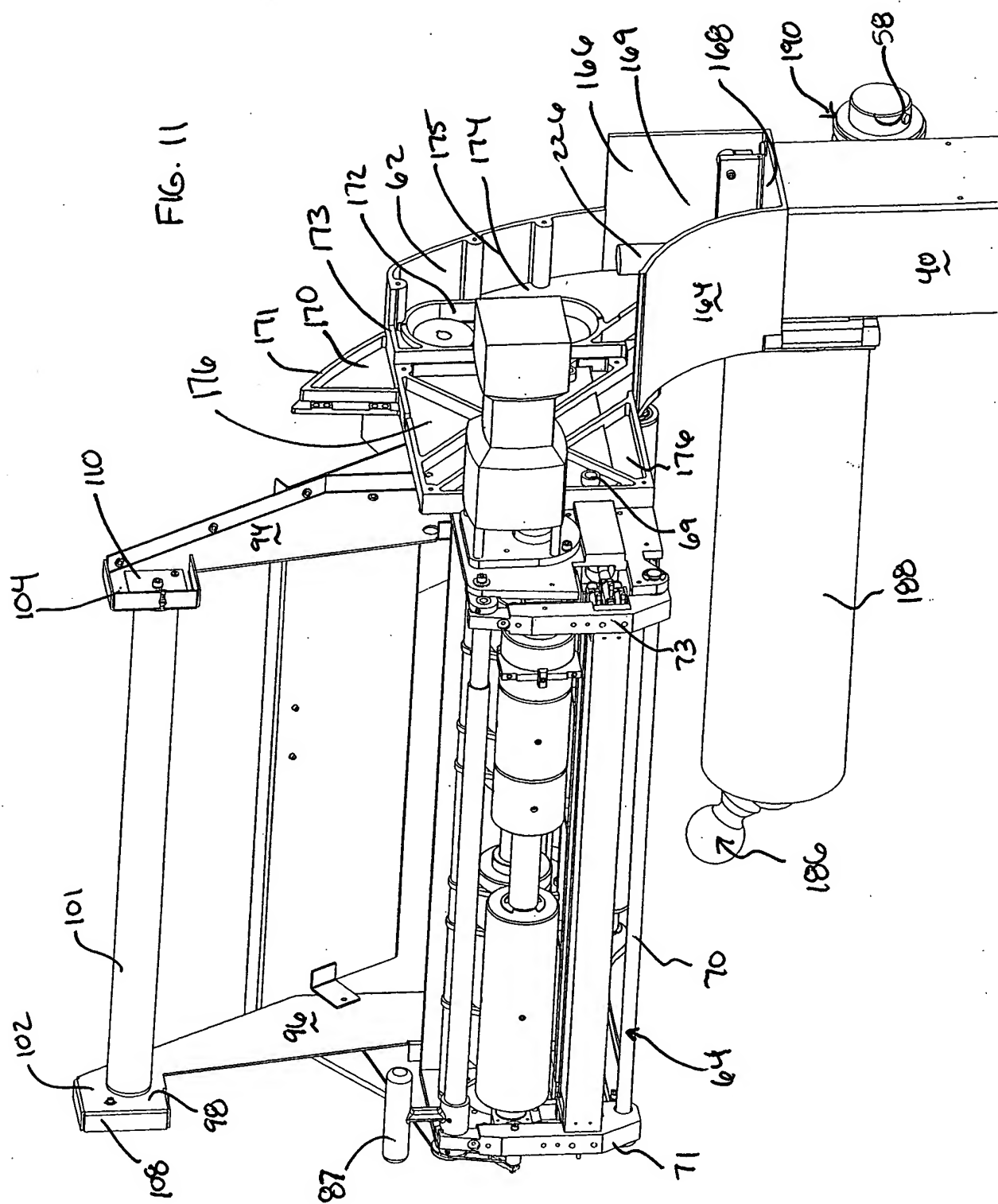


FIG. 9K





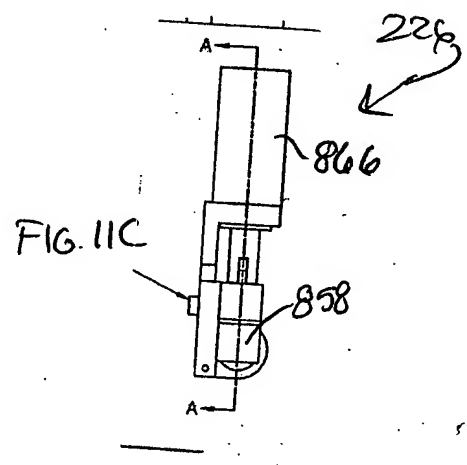
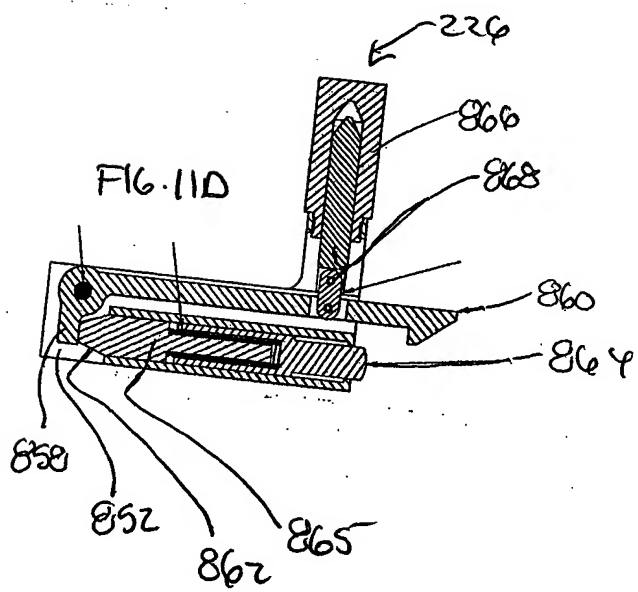
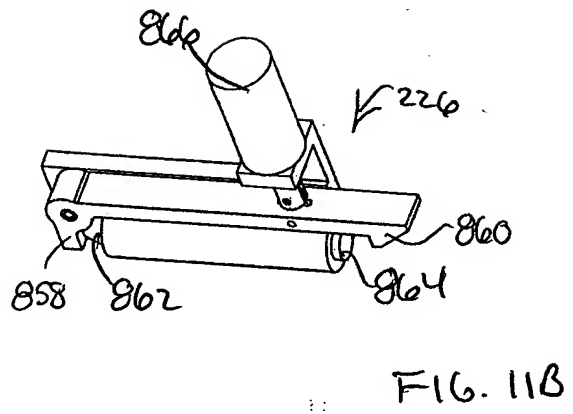
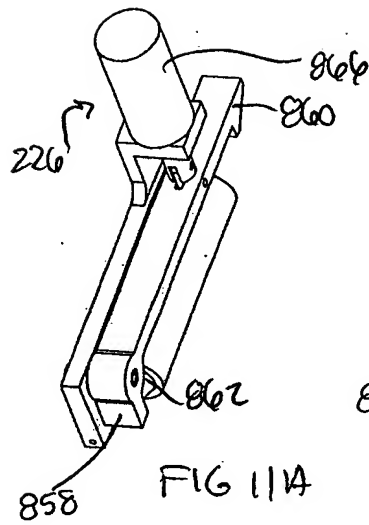
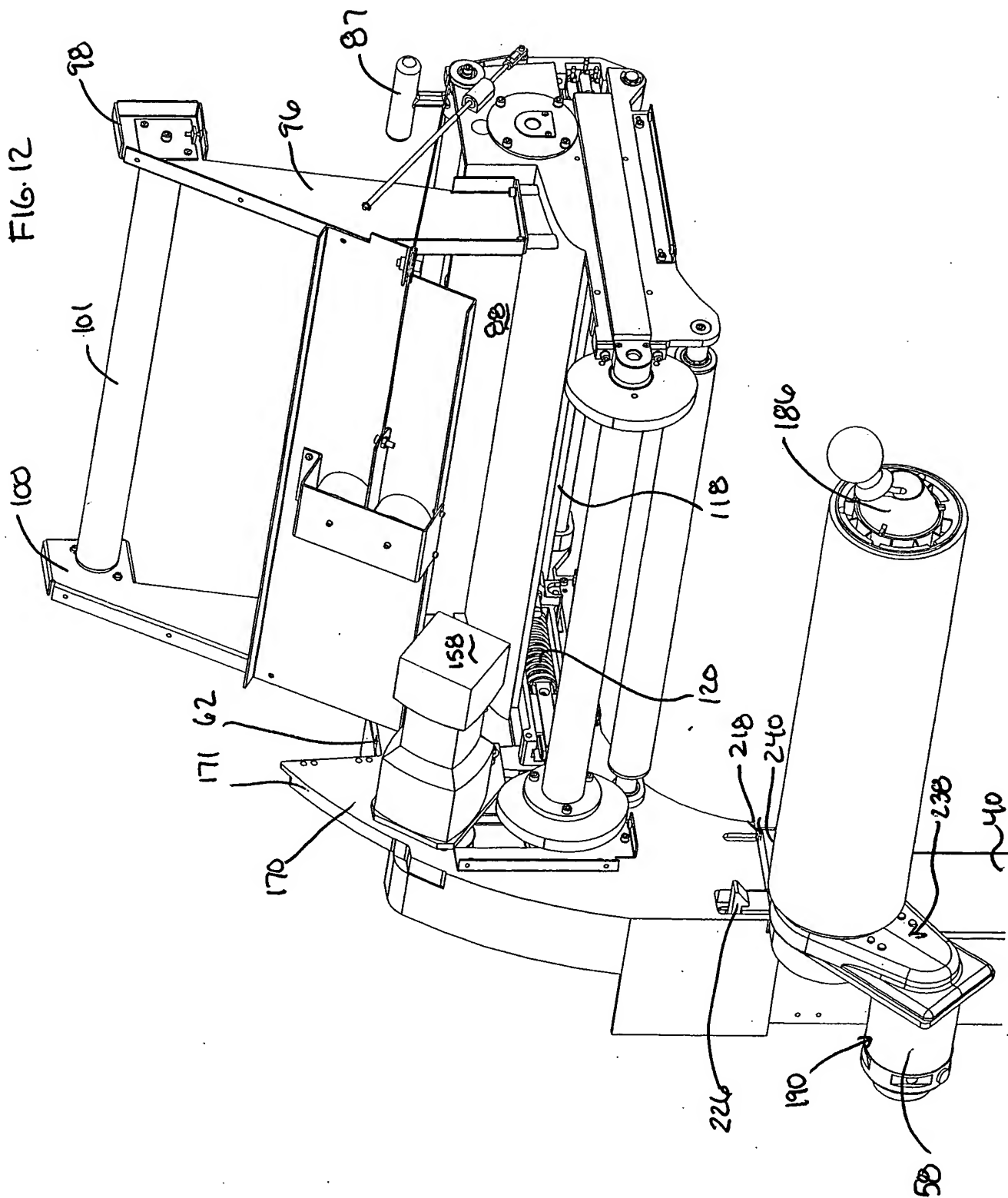


FIG. 12





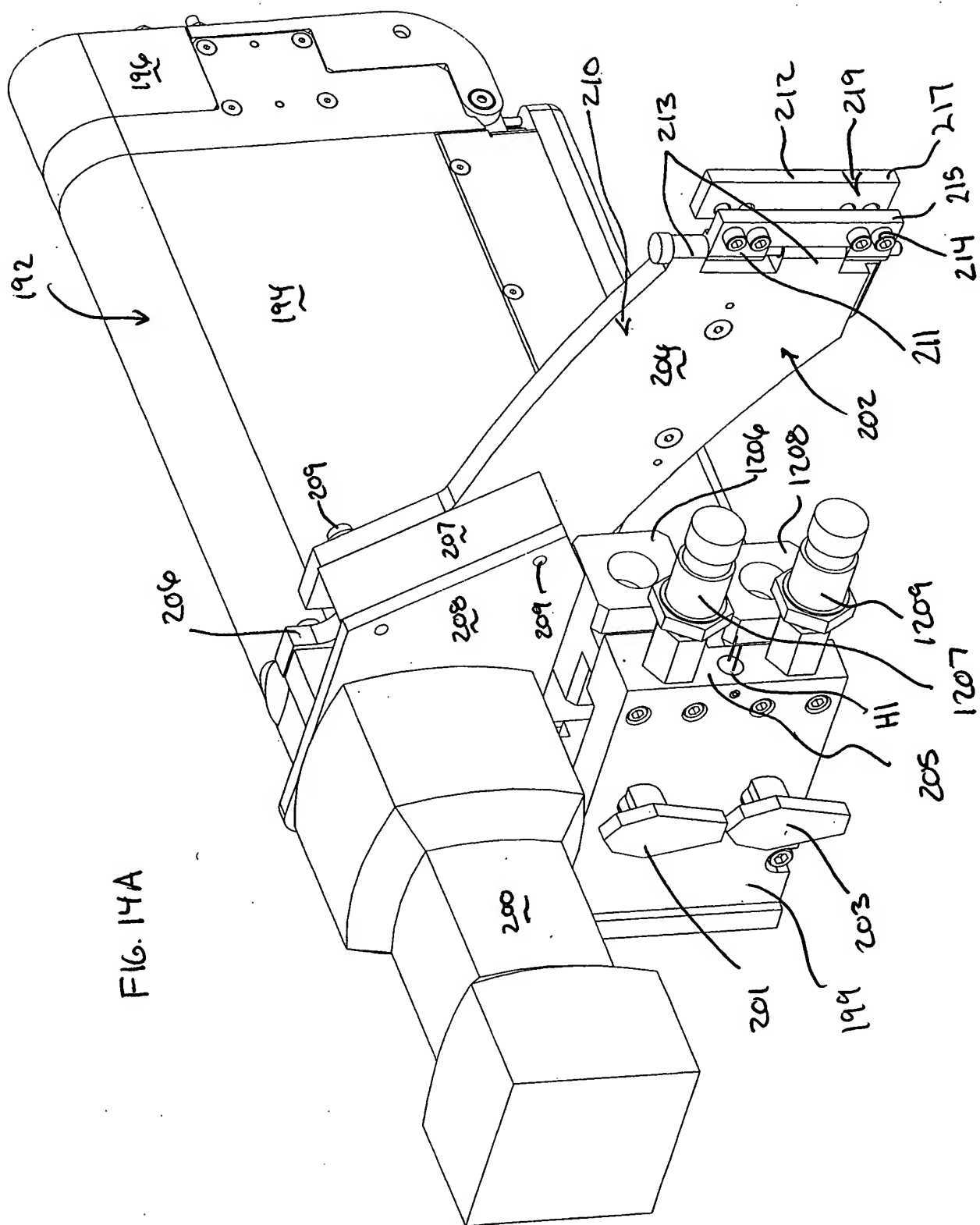
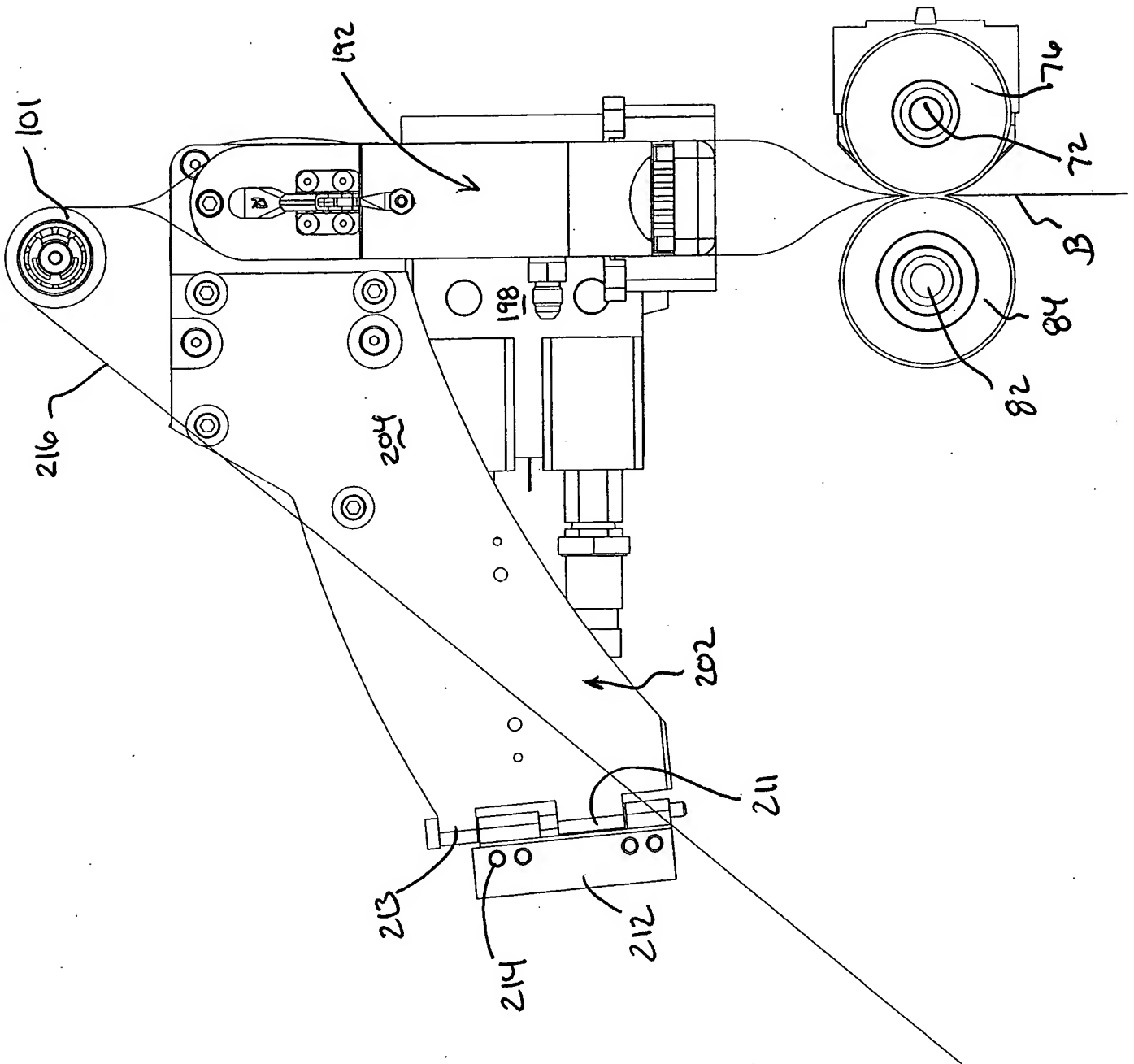


FIG. 14A

FIG. 14B



FL6 15A

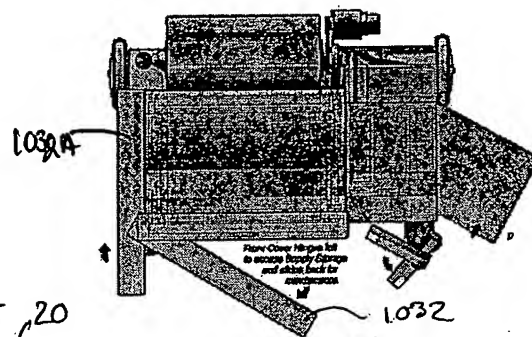


FIG. 15<sup>20</sup>

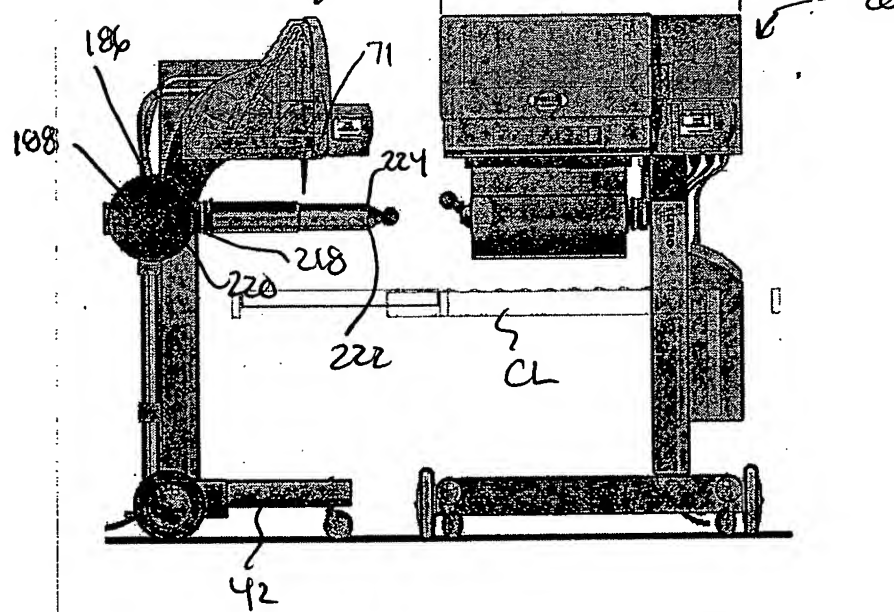
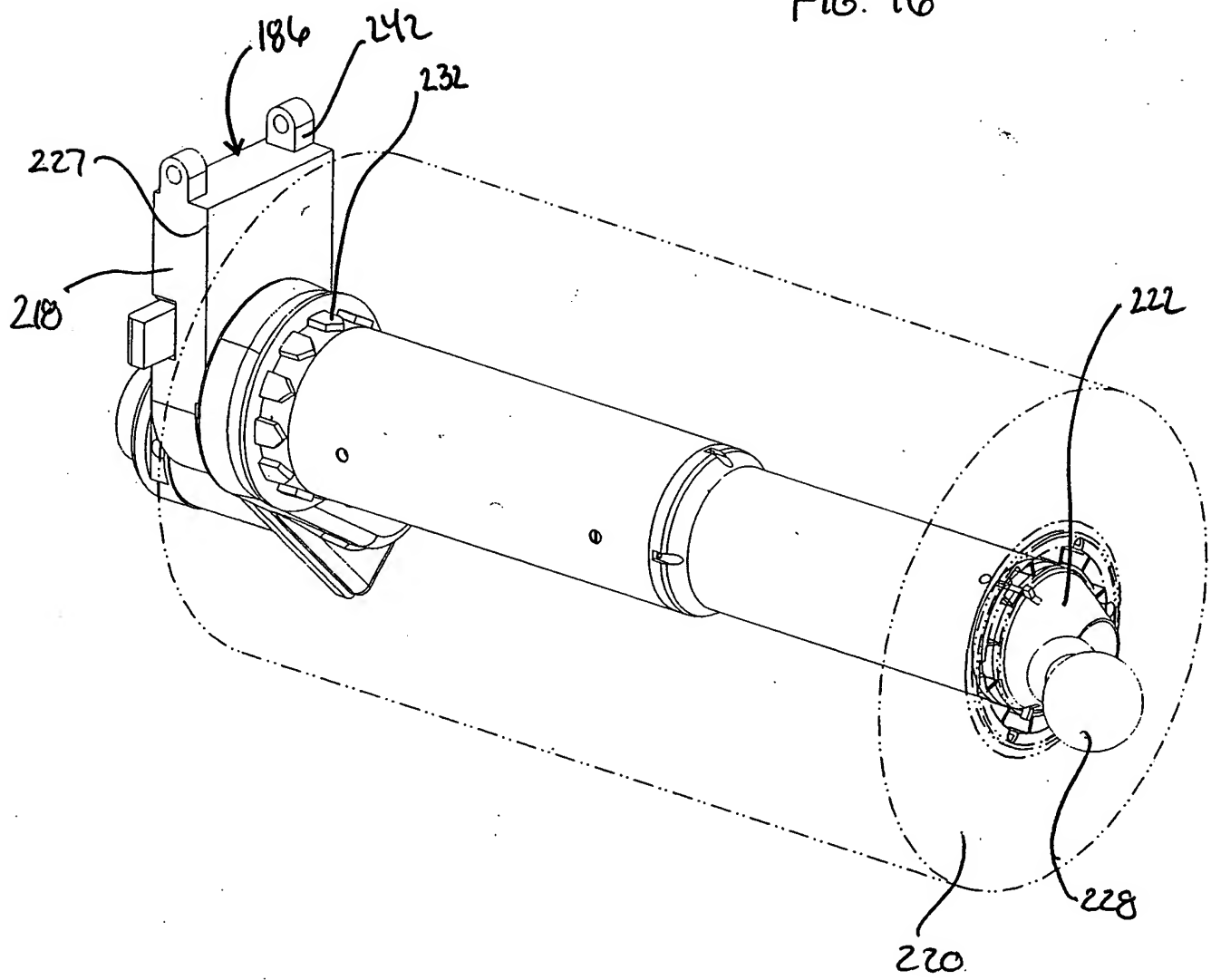
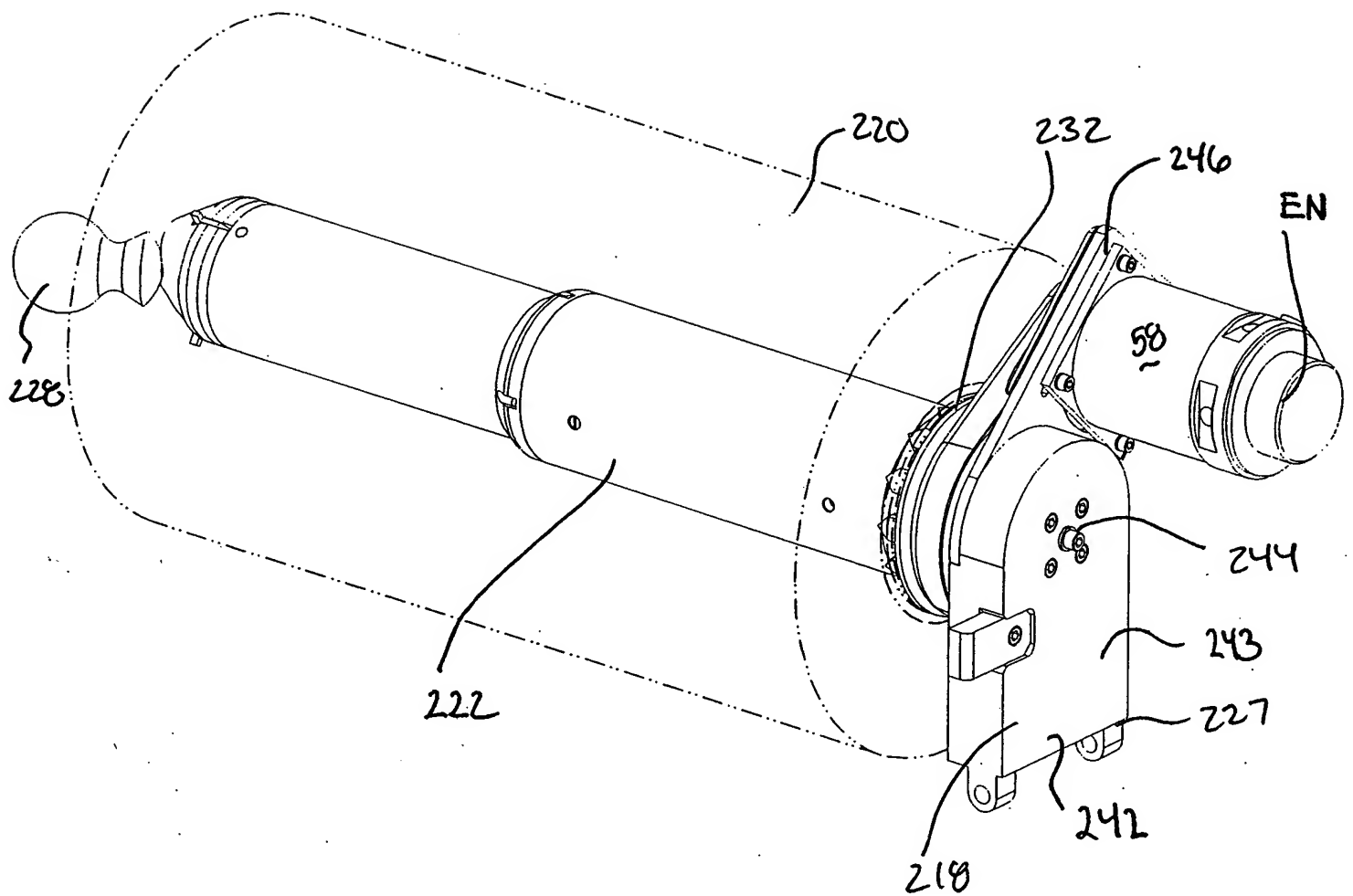


FIG-15B

FIG. 16



F16.17



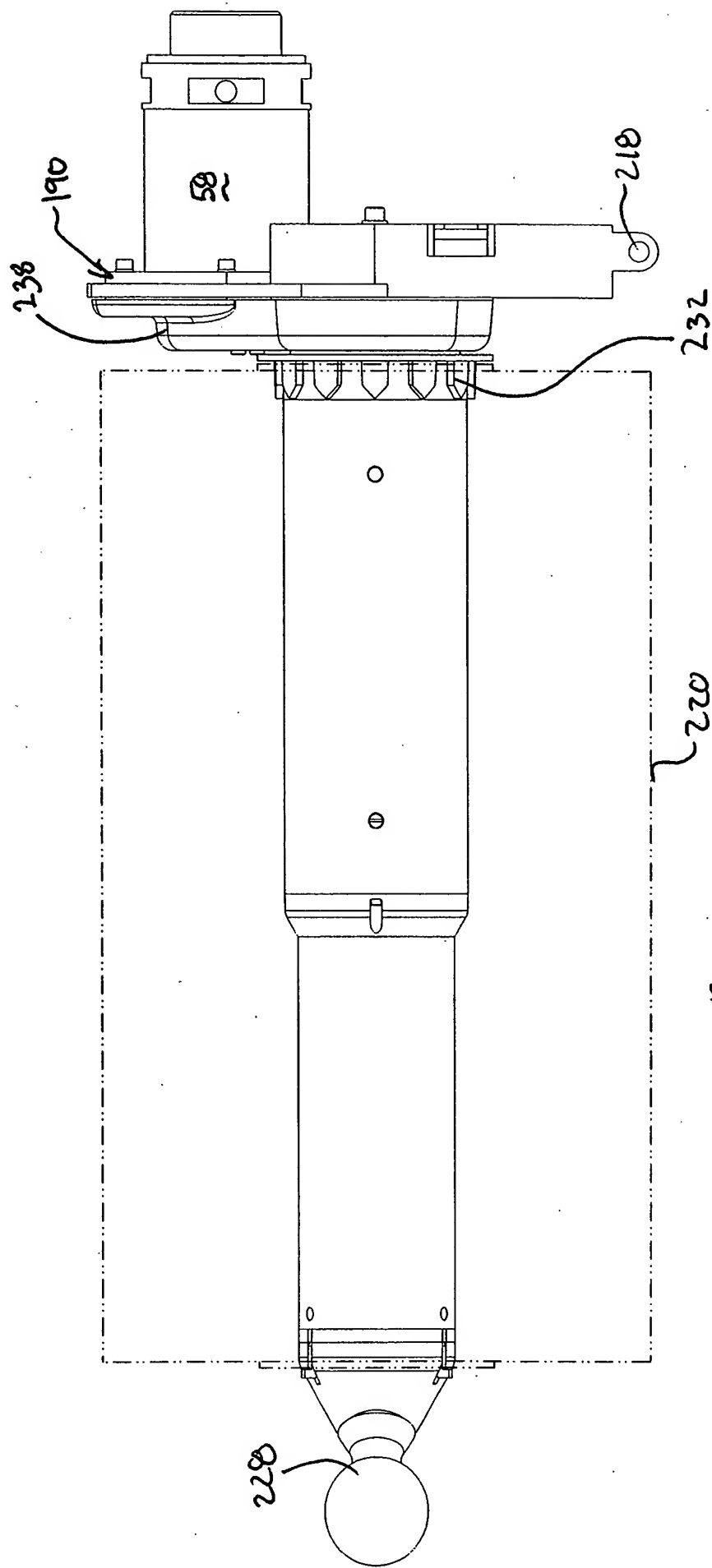


FIG. 18

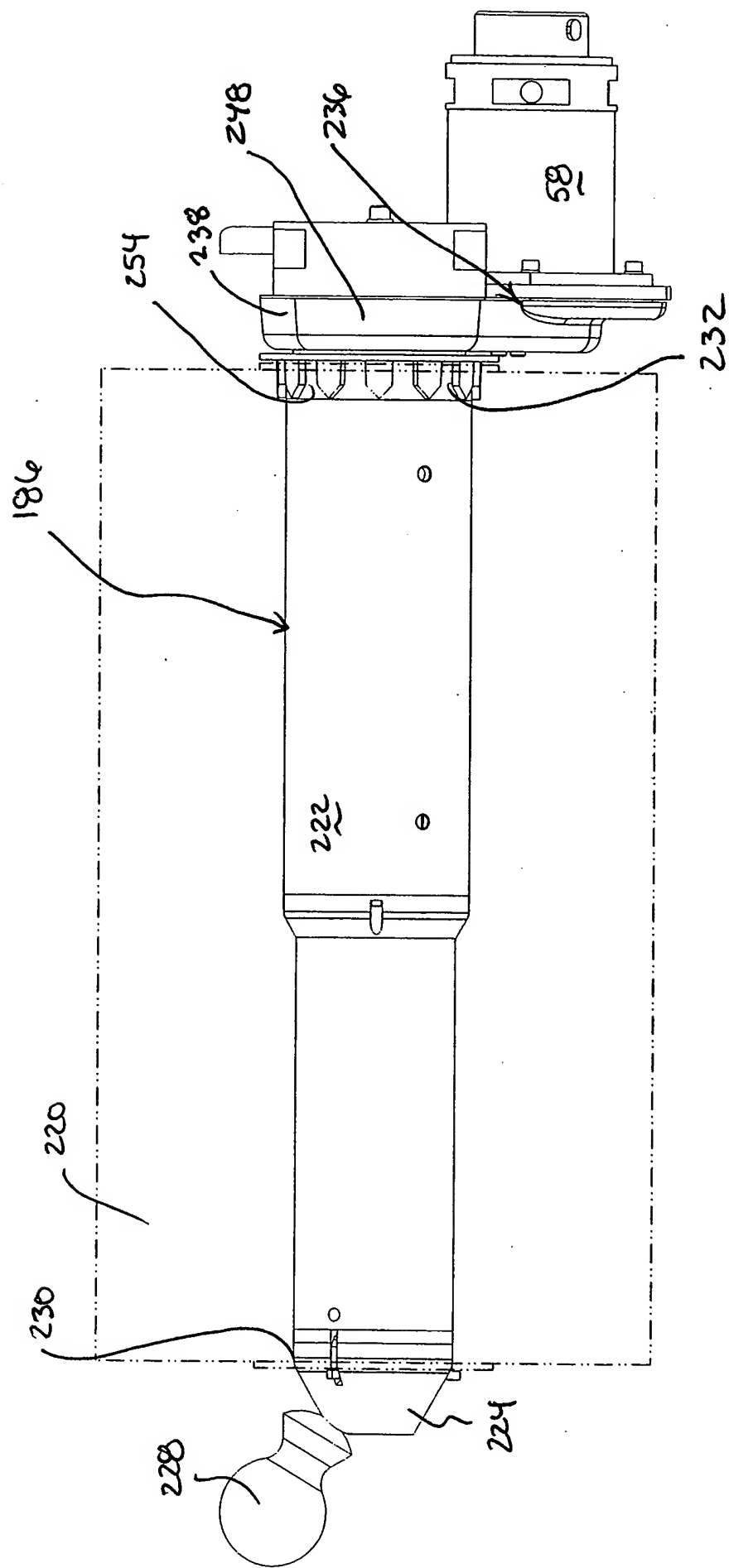
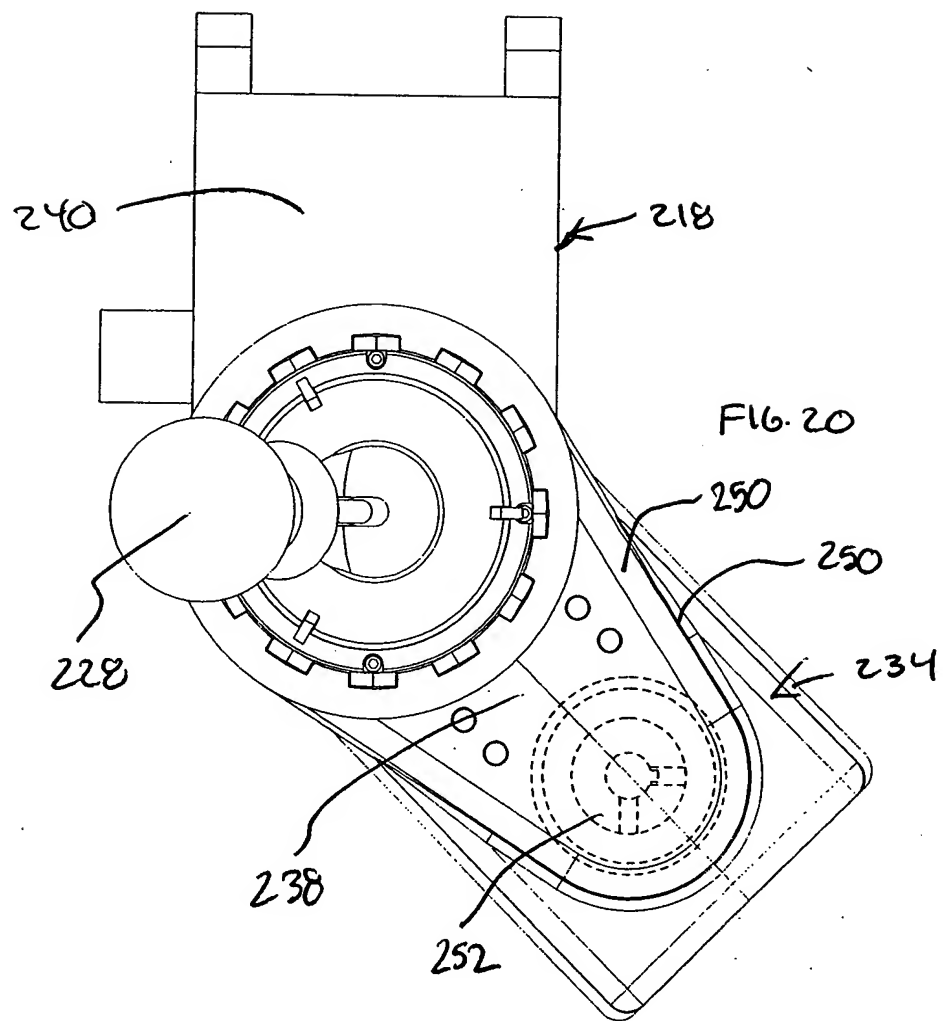
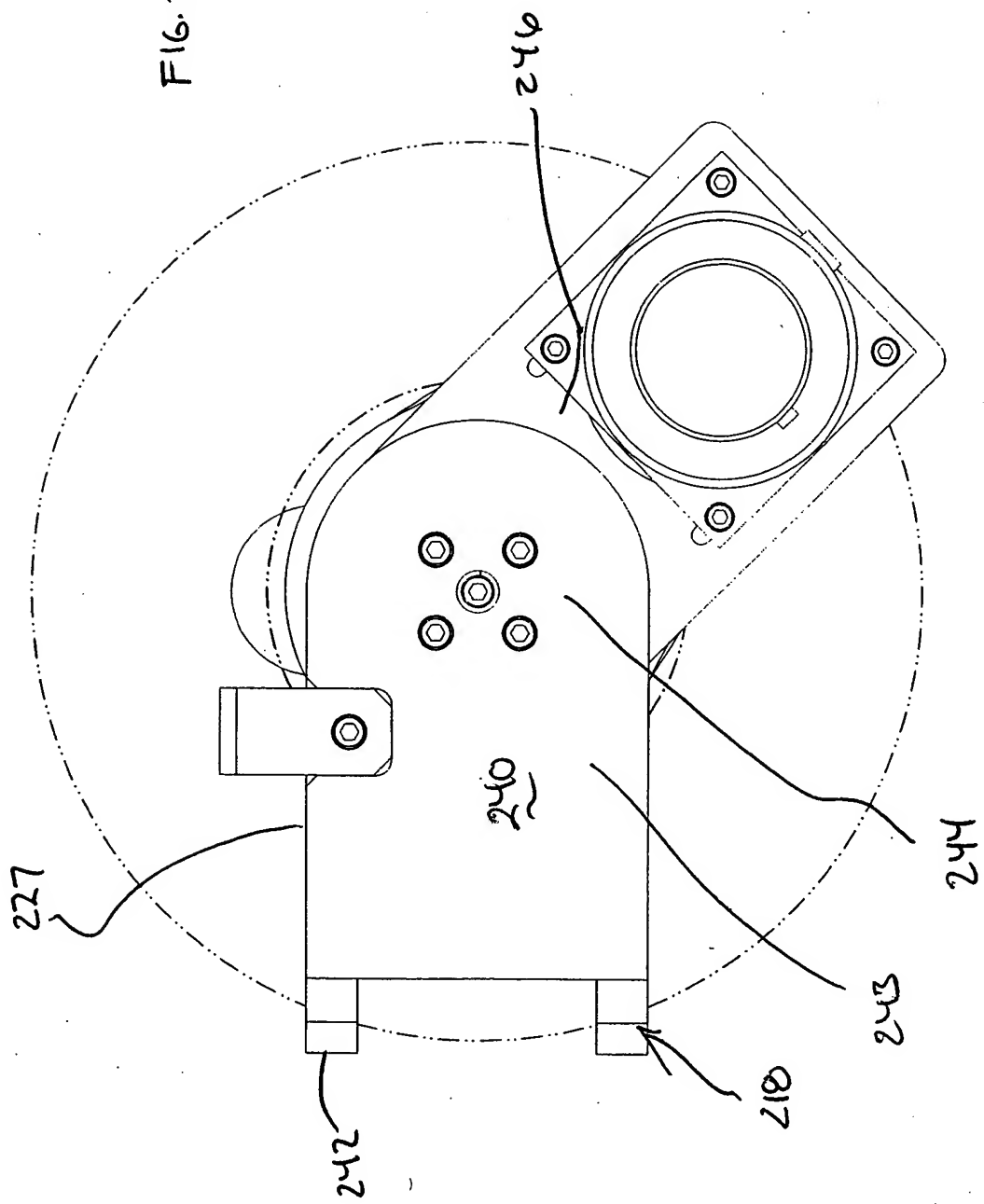


FIG. 19





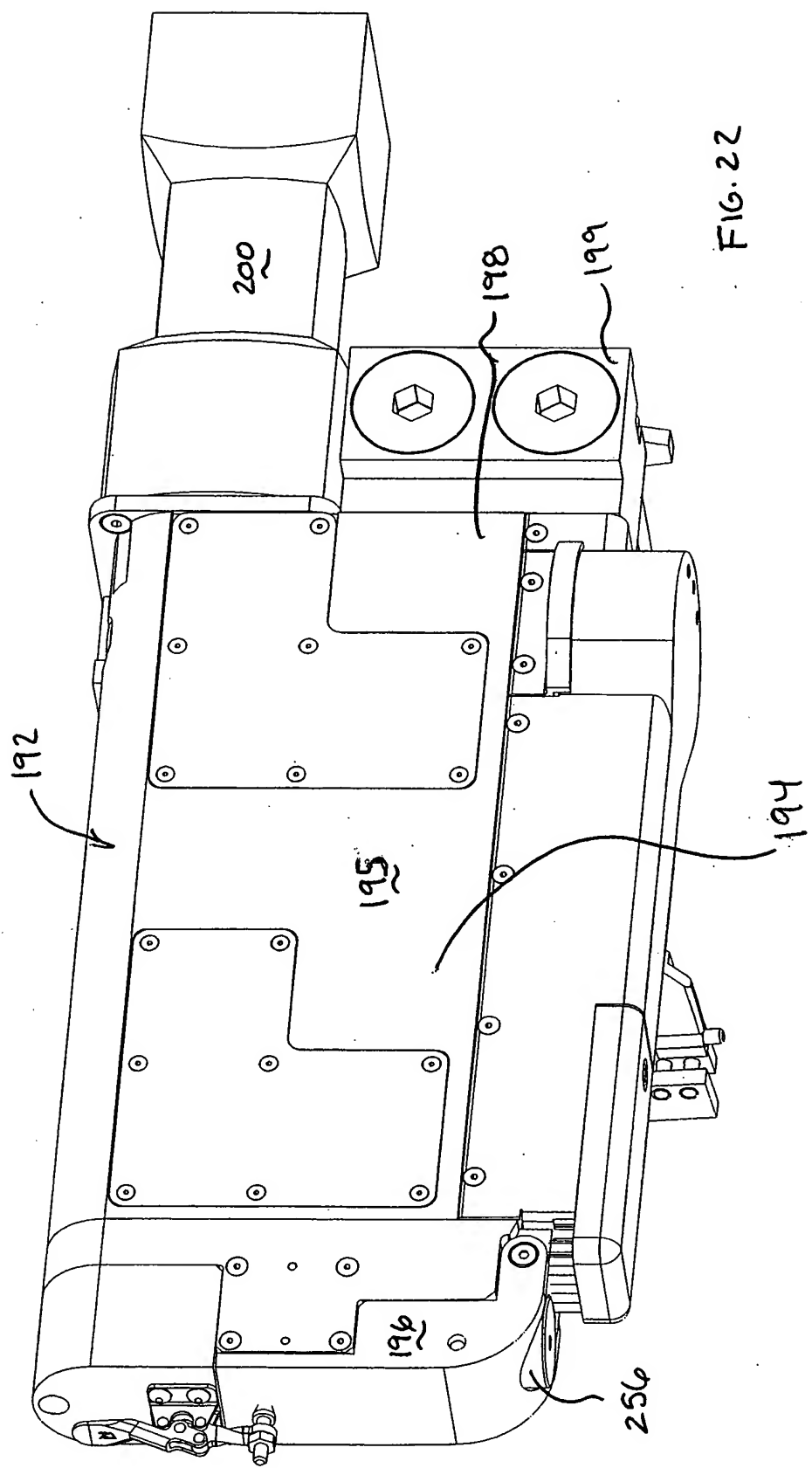
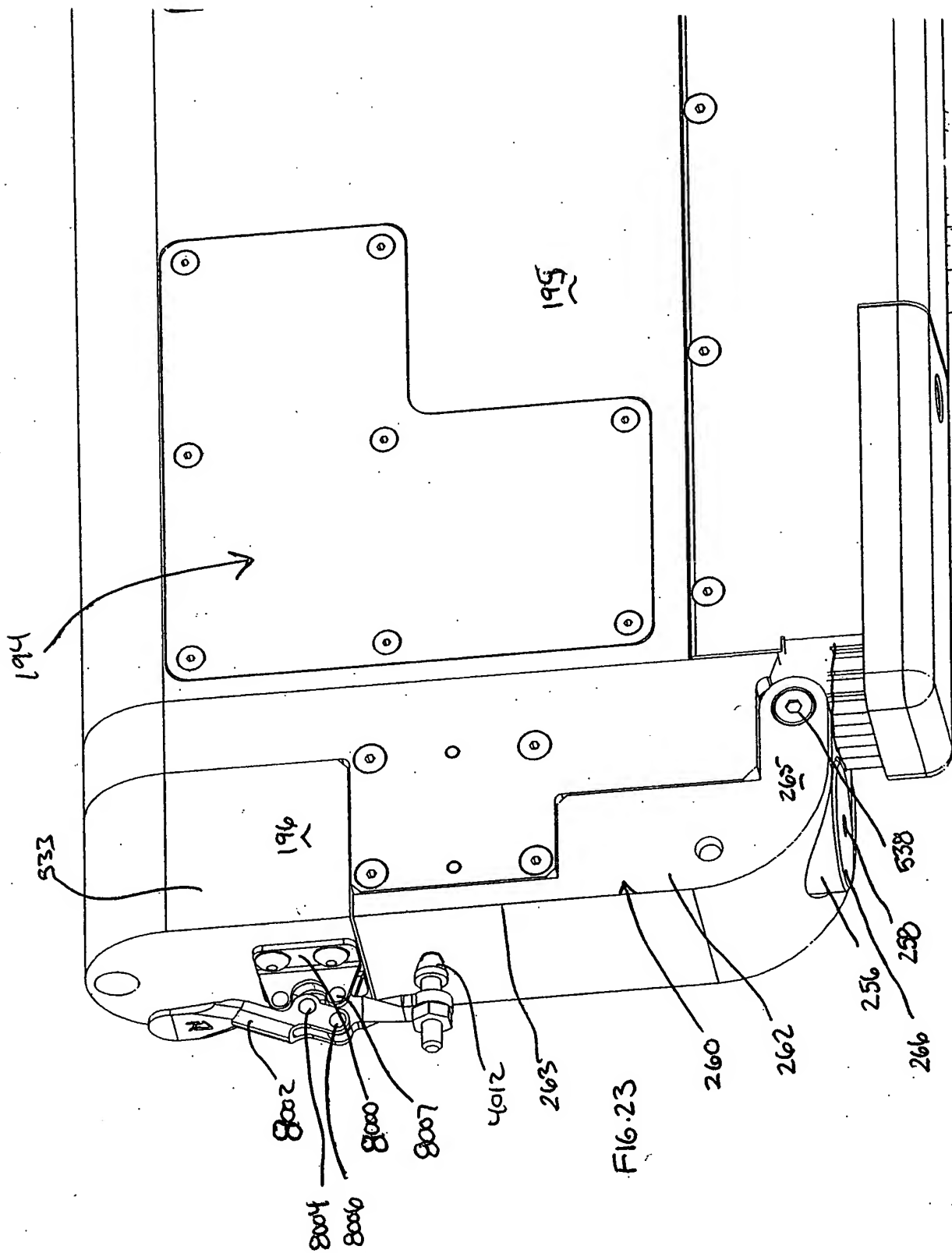
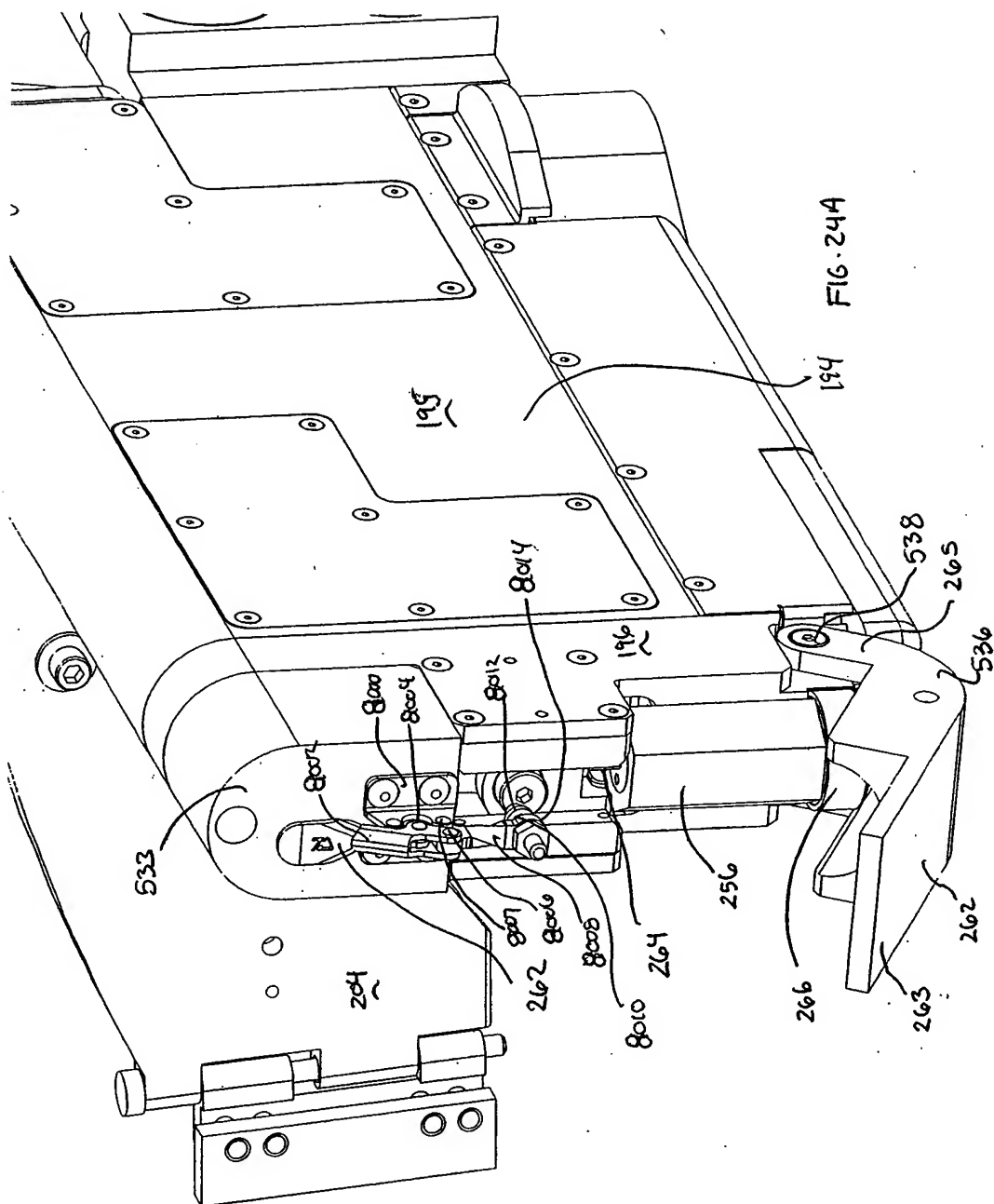


FIG. 22





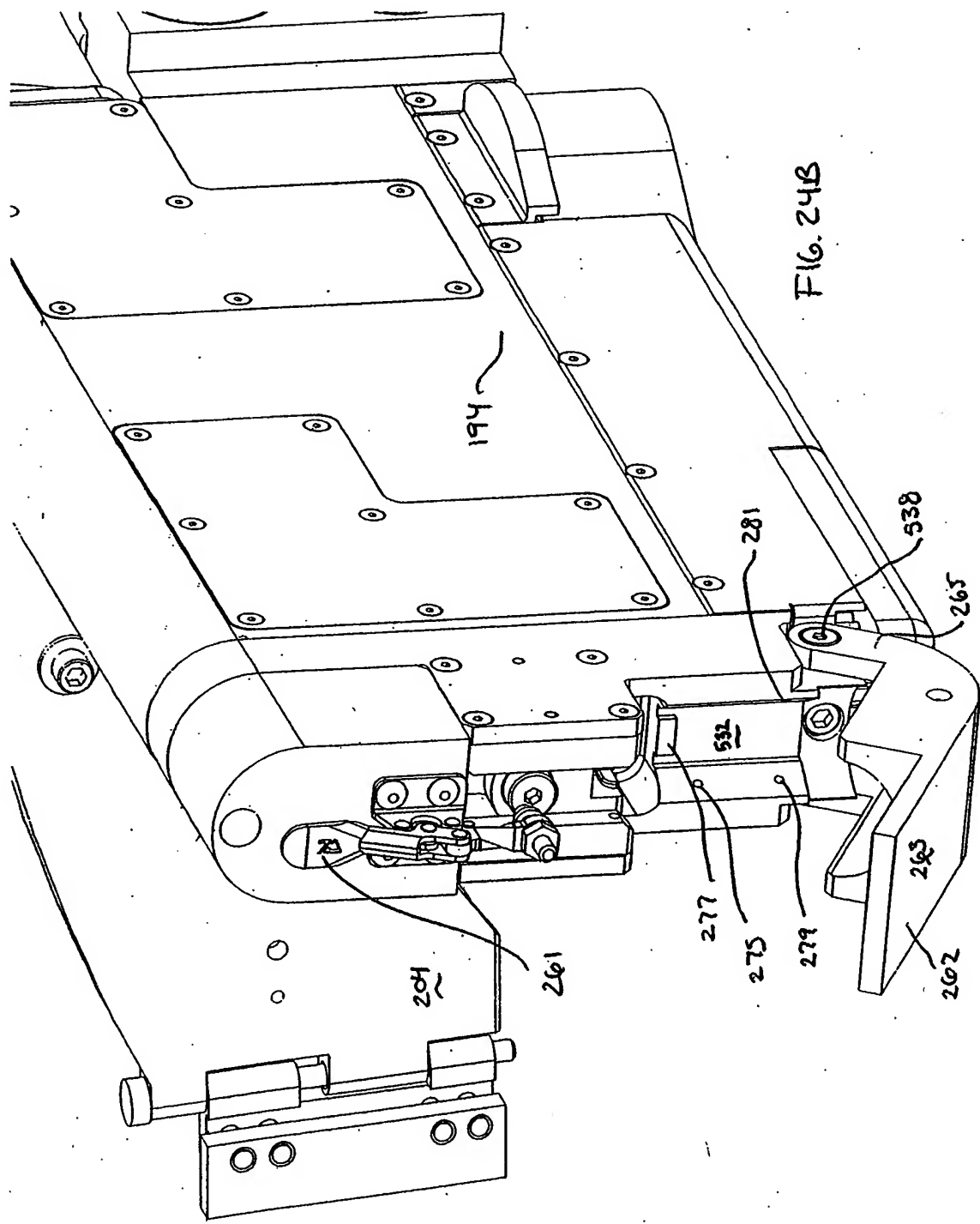


FIG. 24B

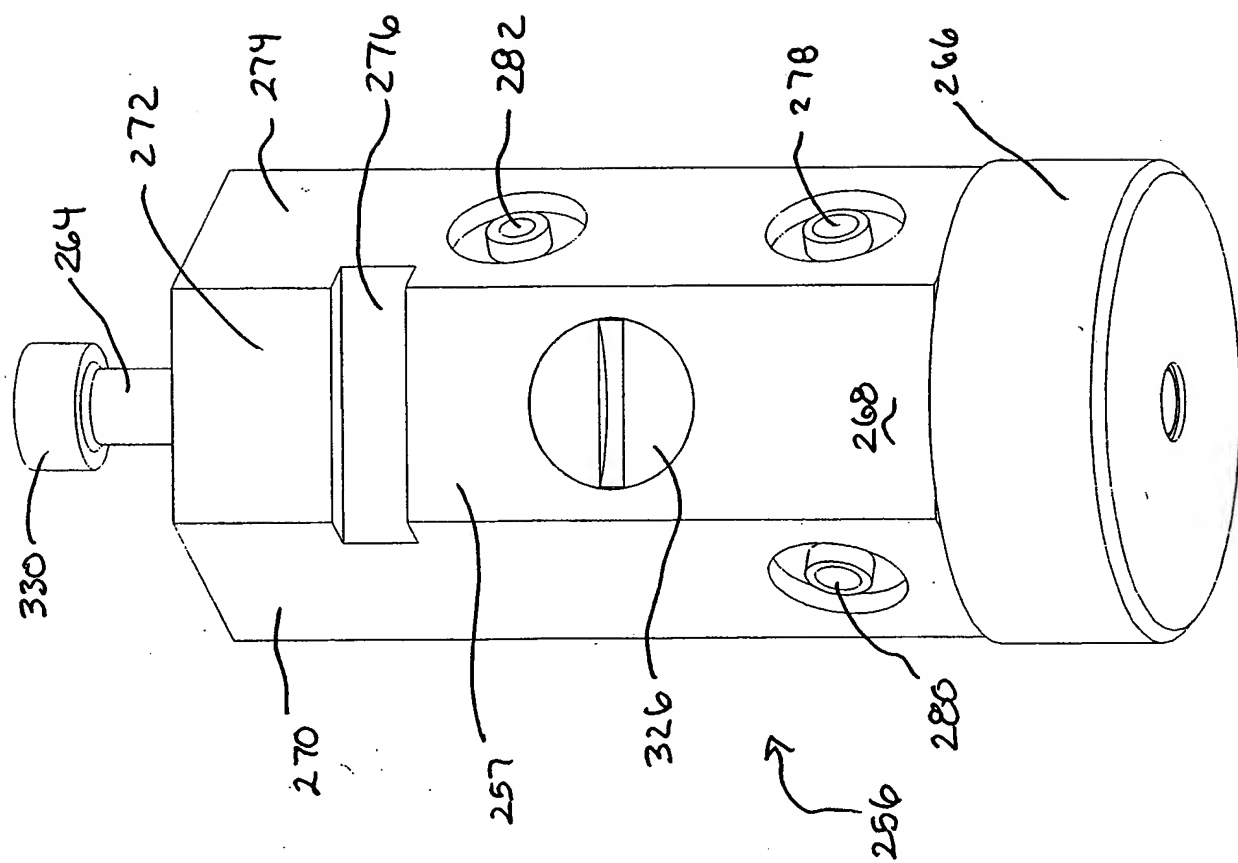
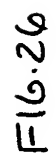
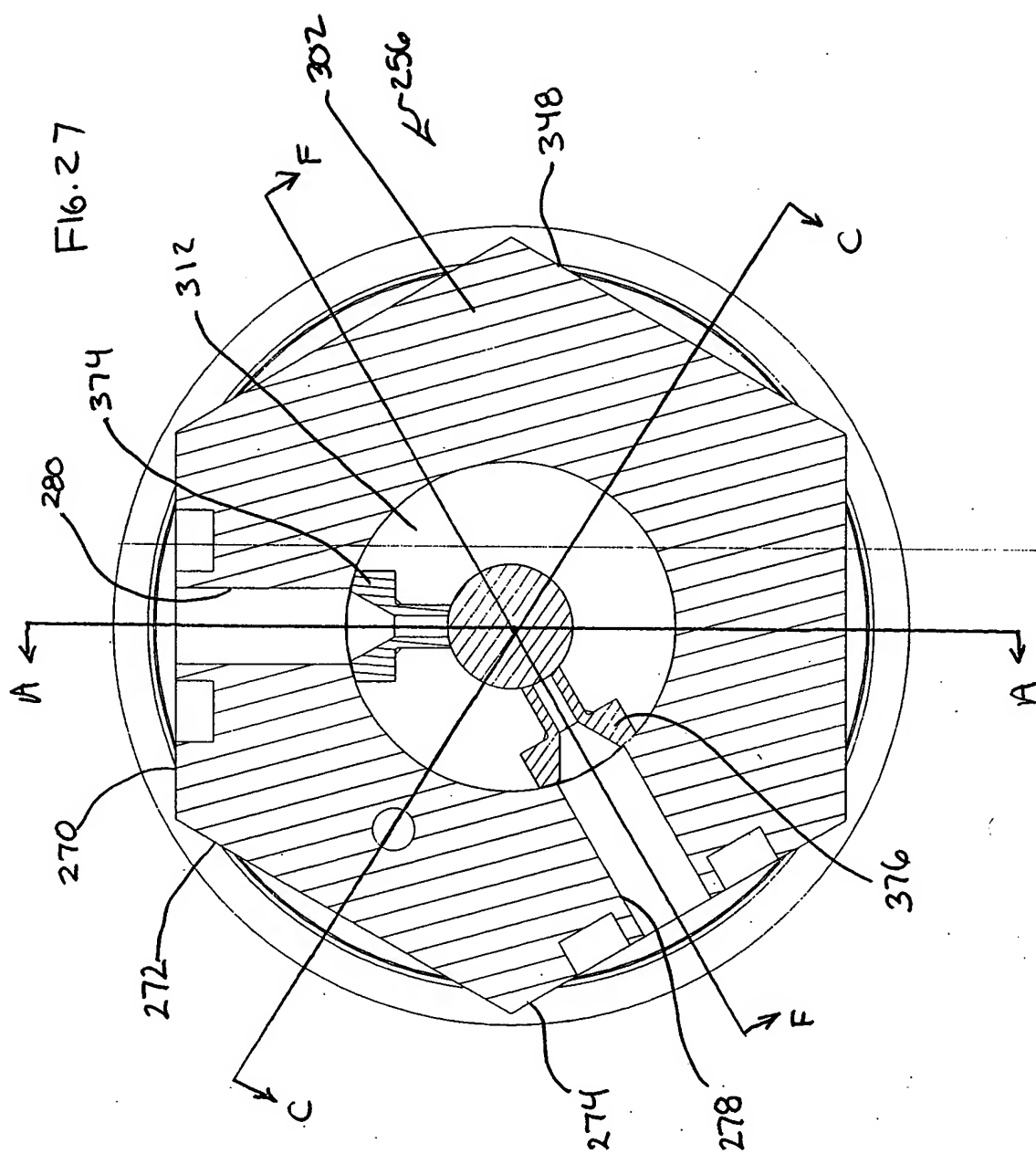


FIG. 25



F16.26



SEE DETAIL 28A

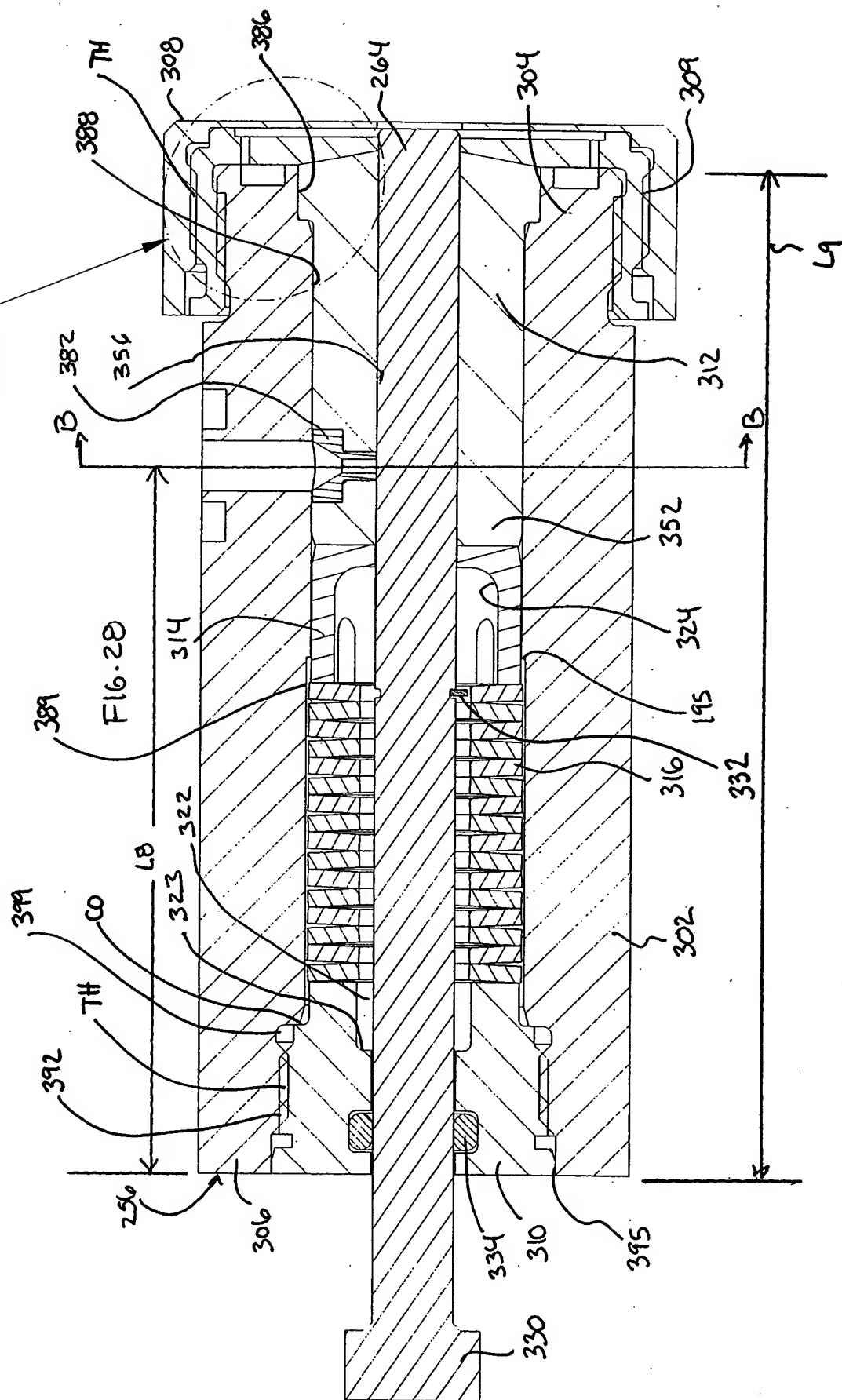
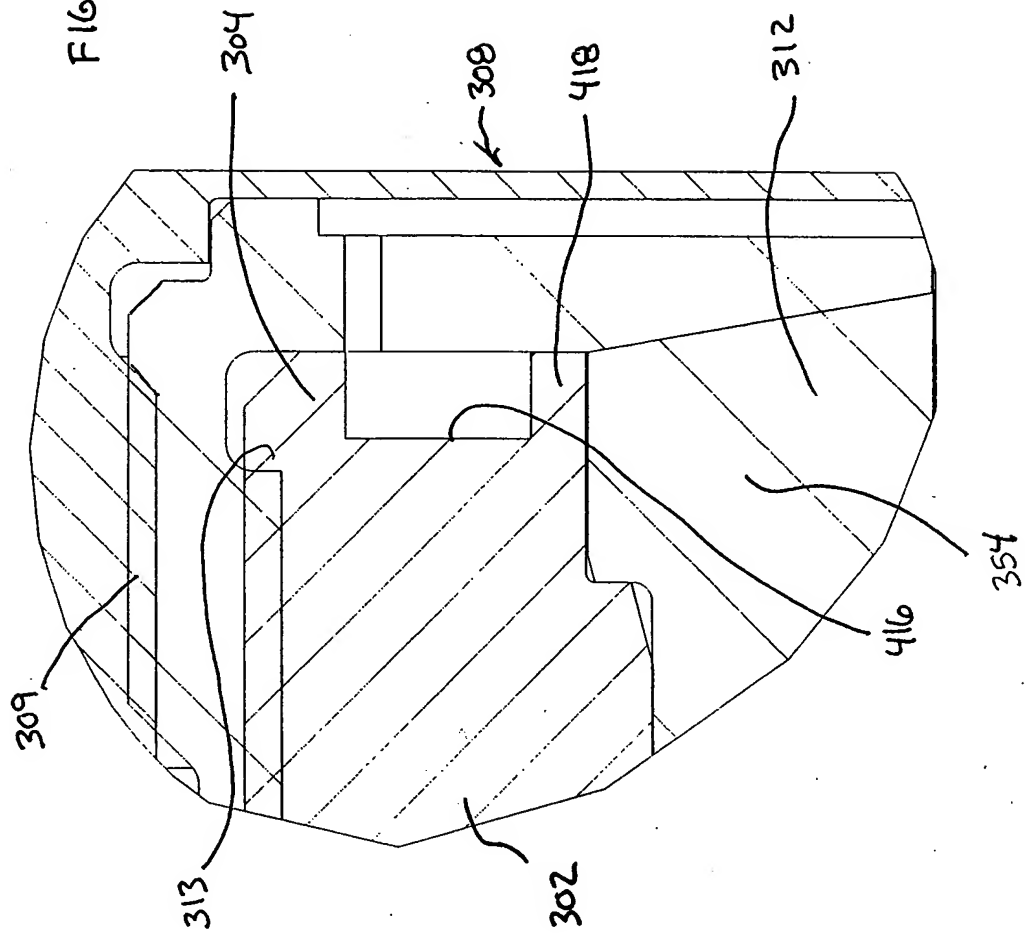
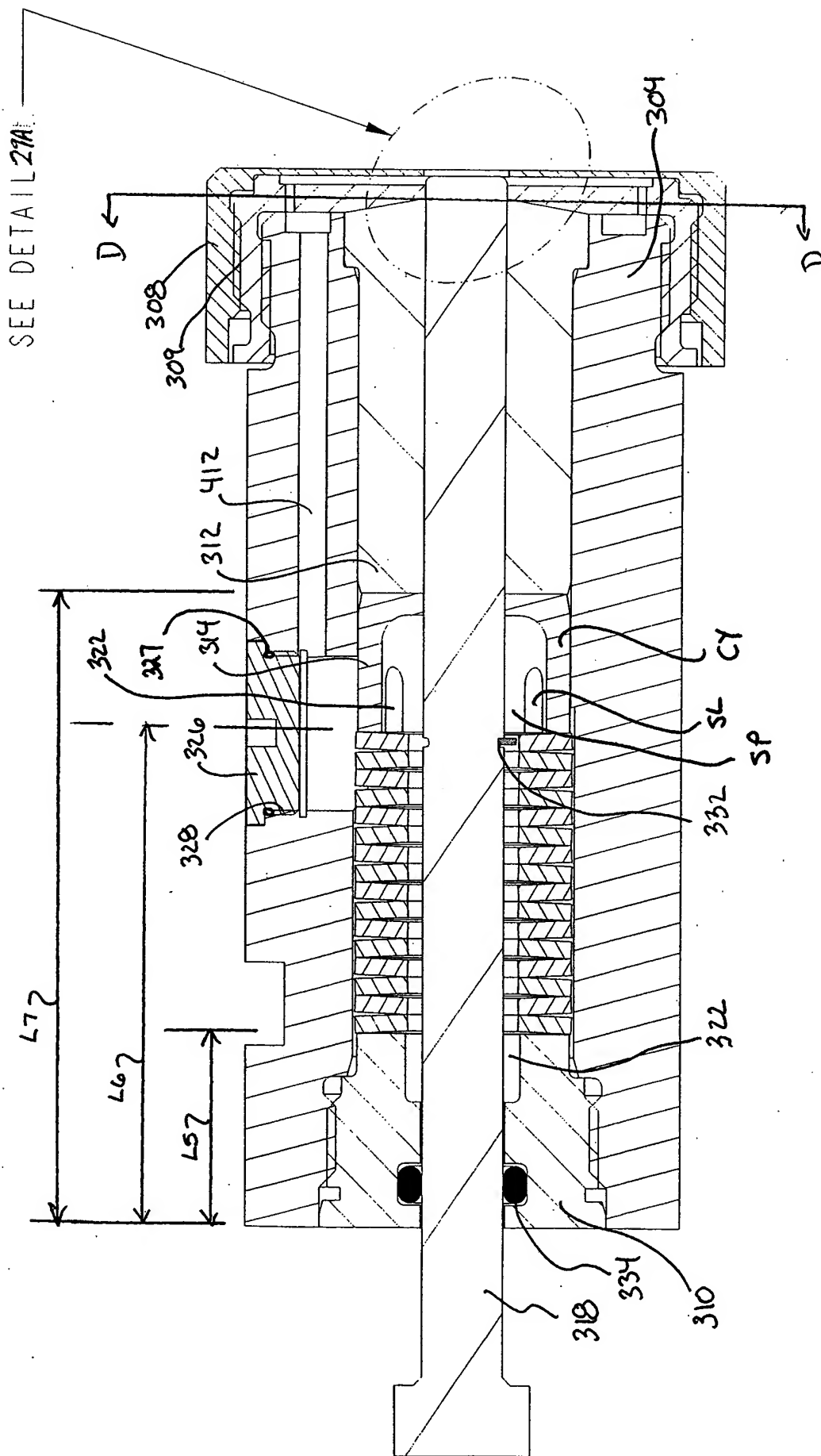


FIG. 28A





SEE DETAIL 27A

FIG. 29

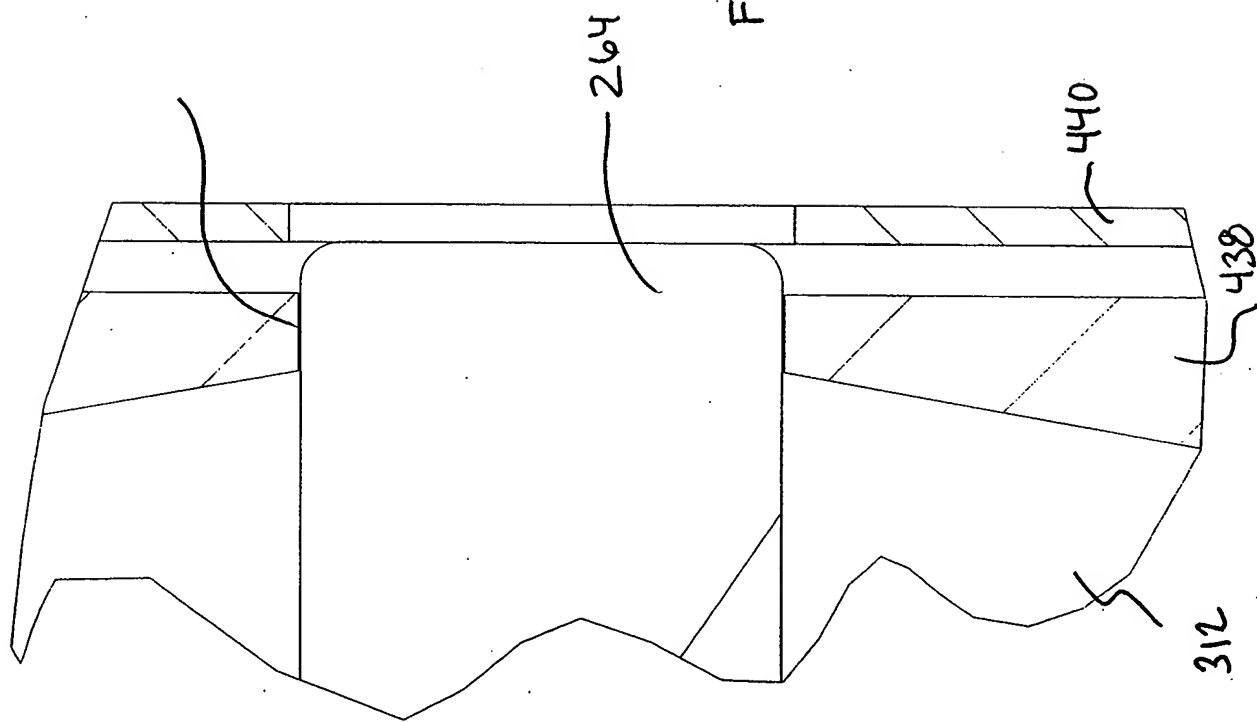
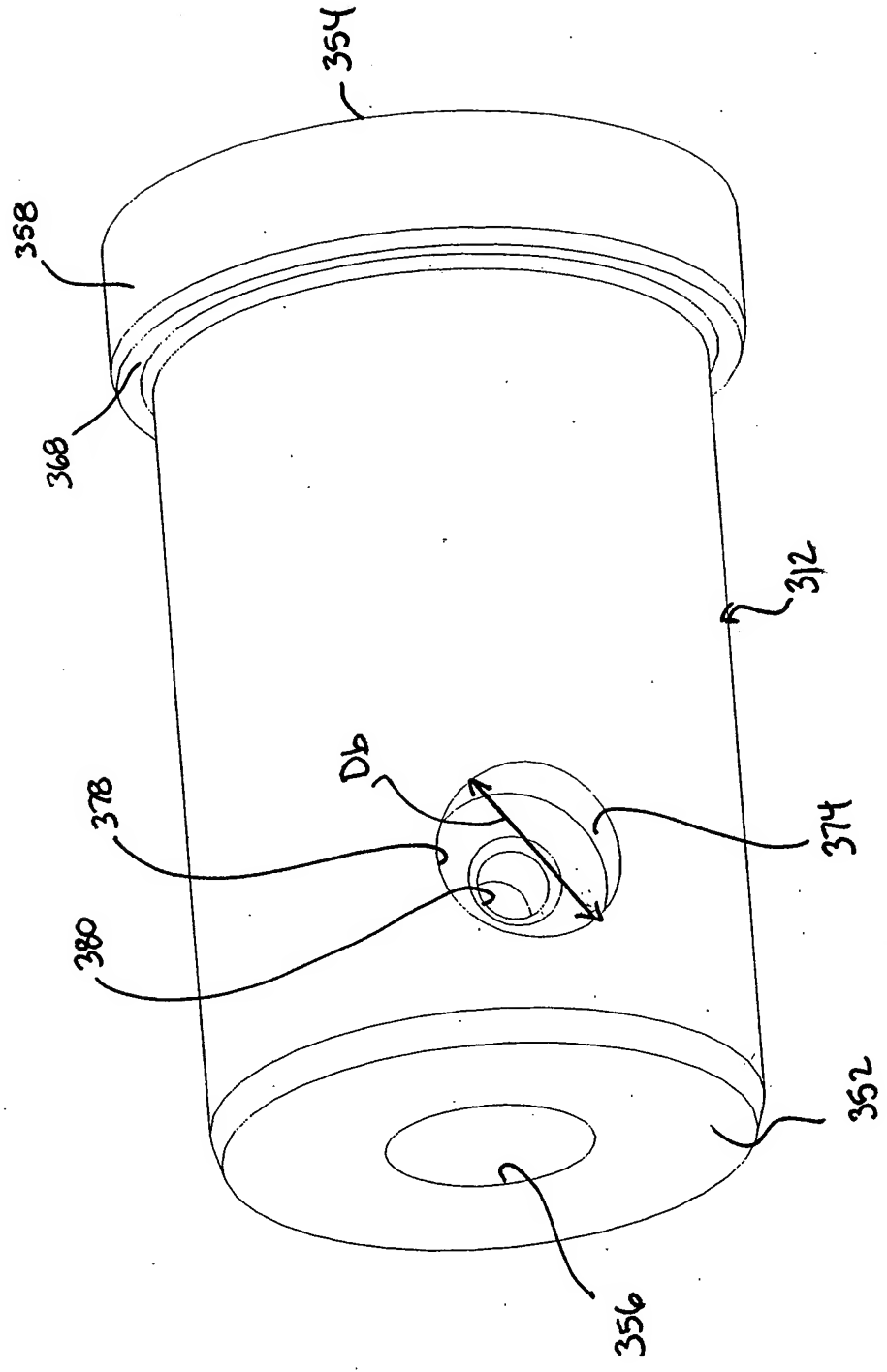
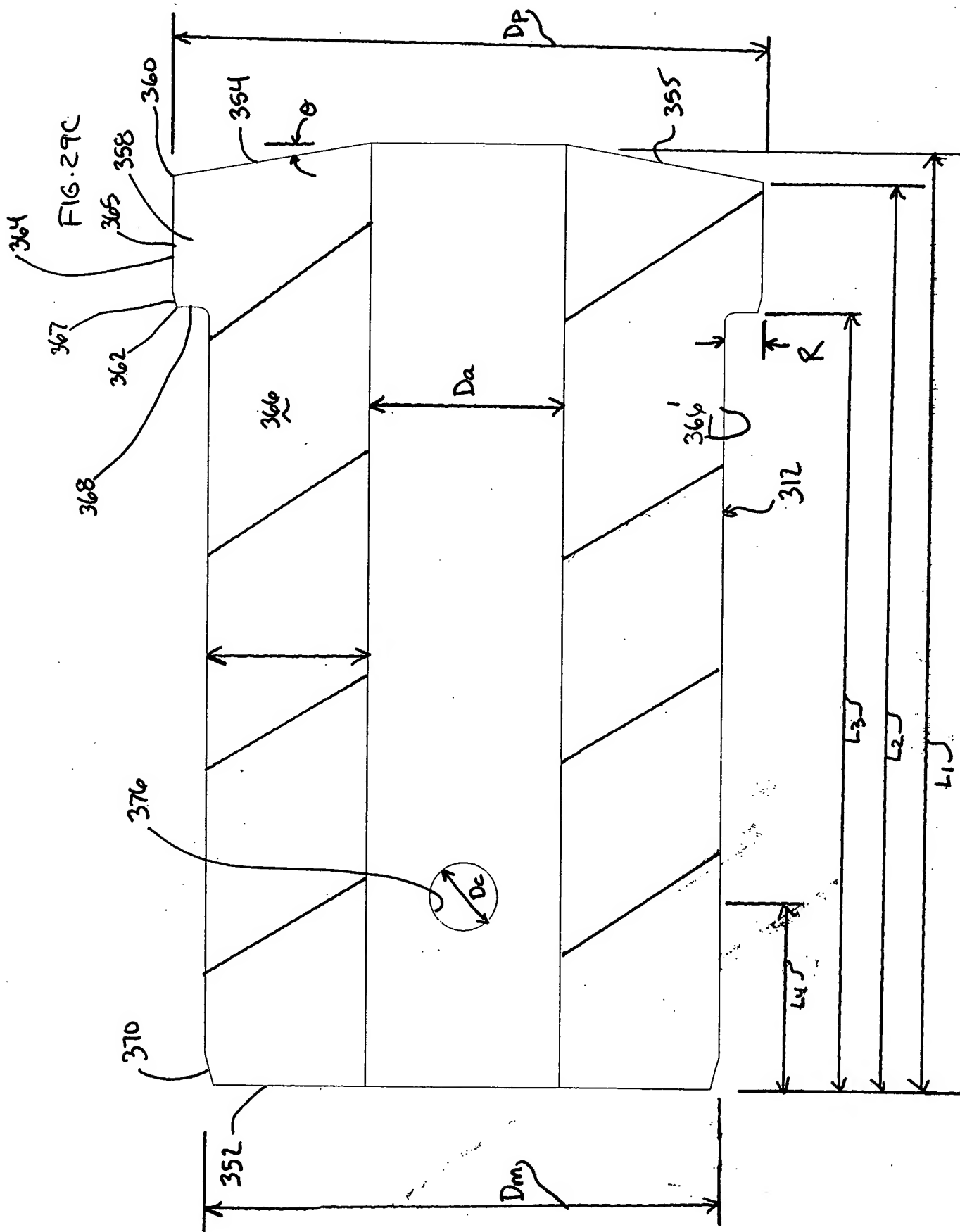
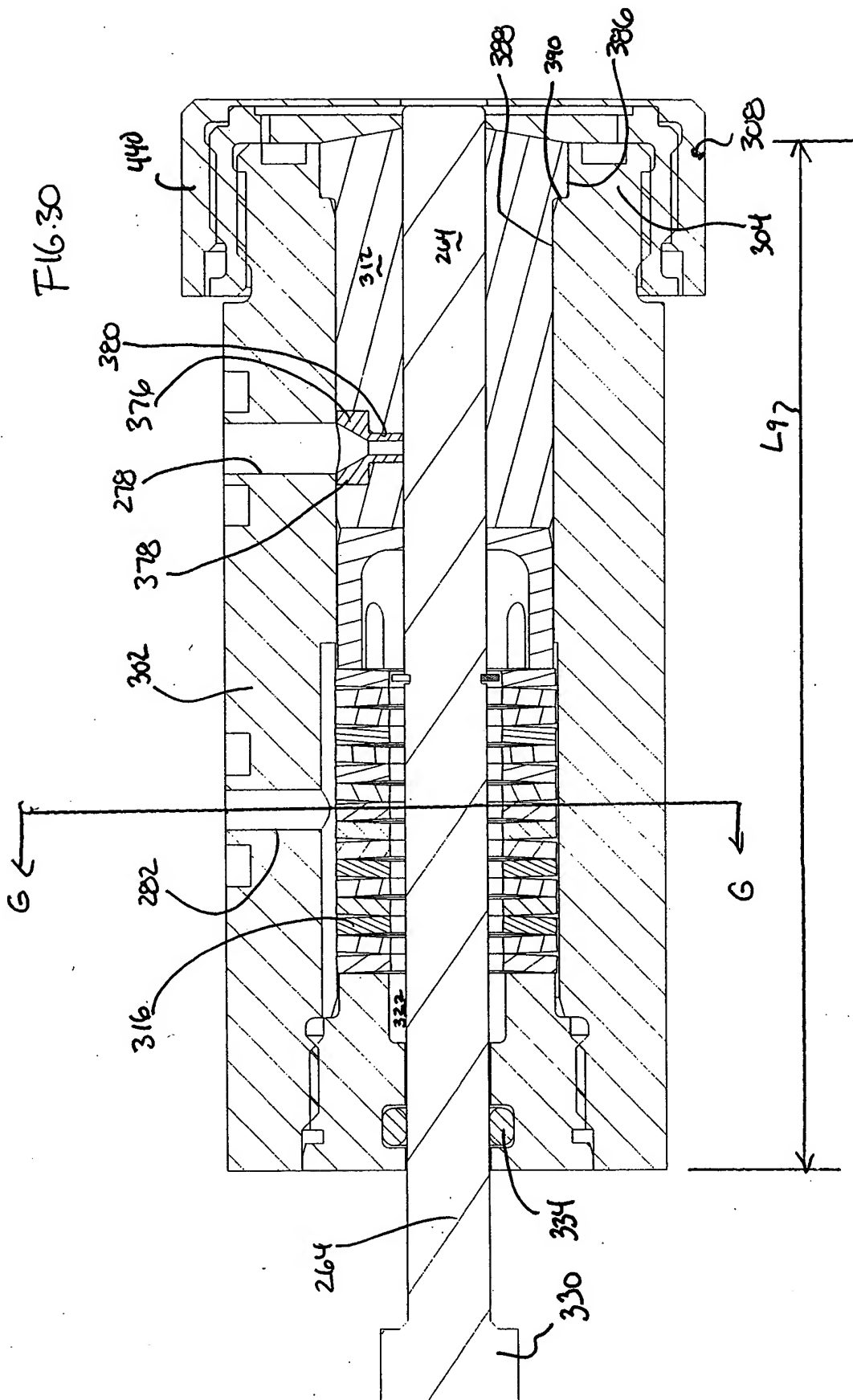


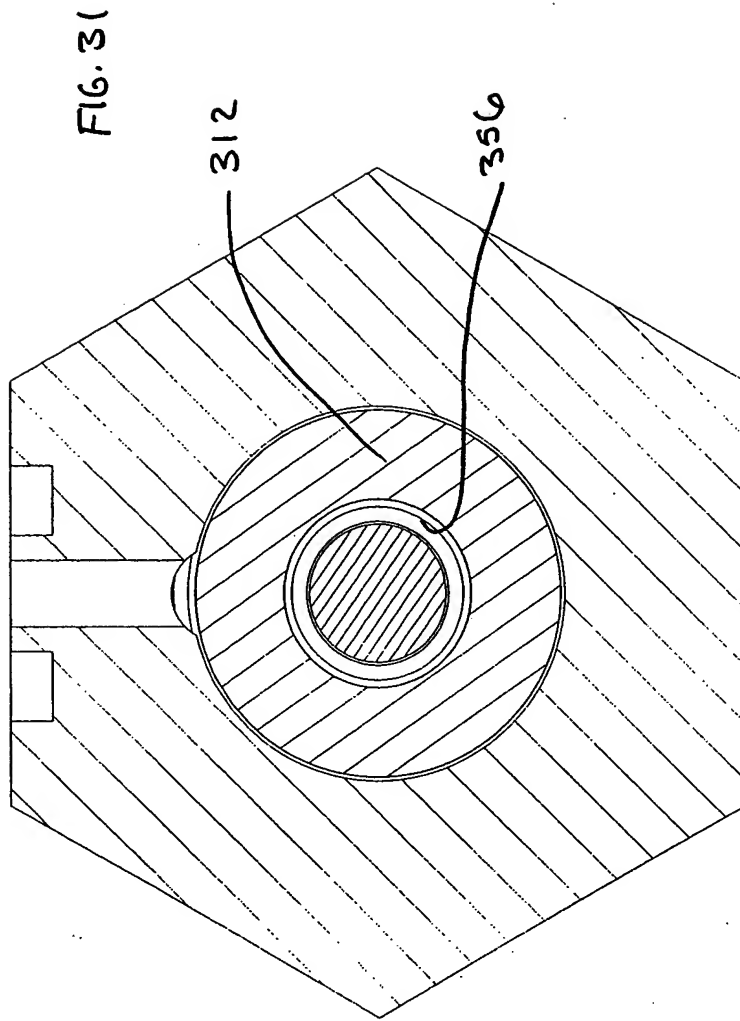
FIG. 29A

FIG. 29B









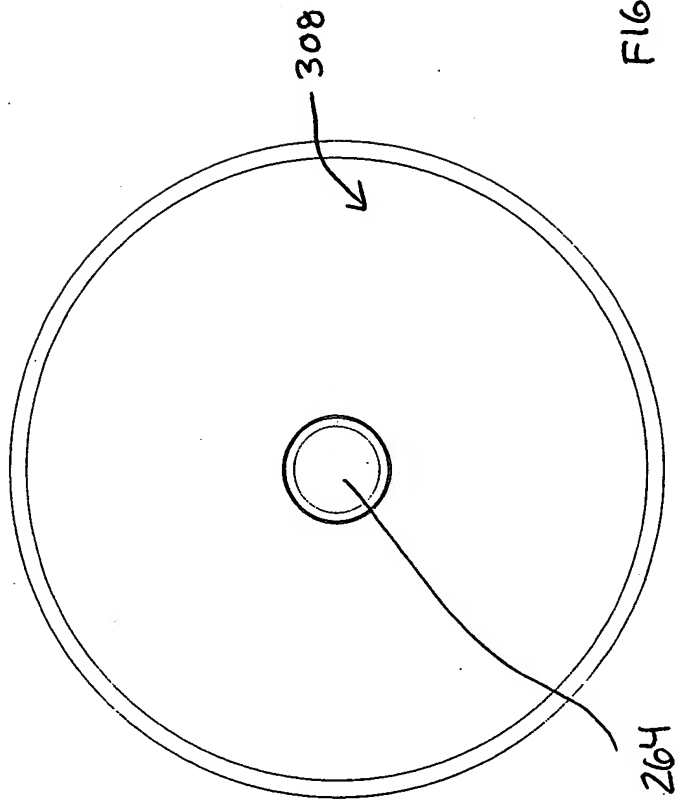
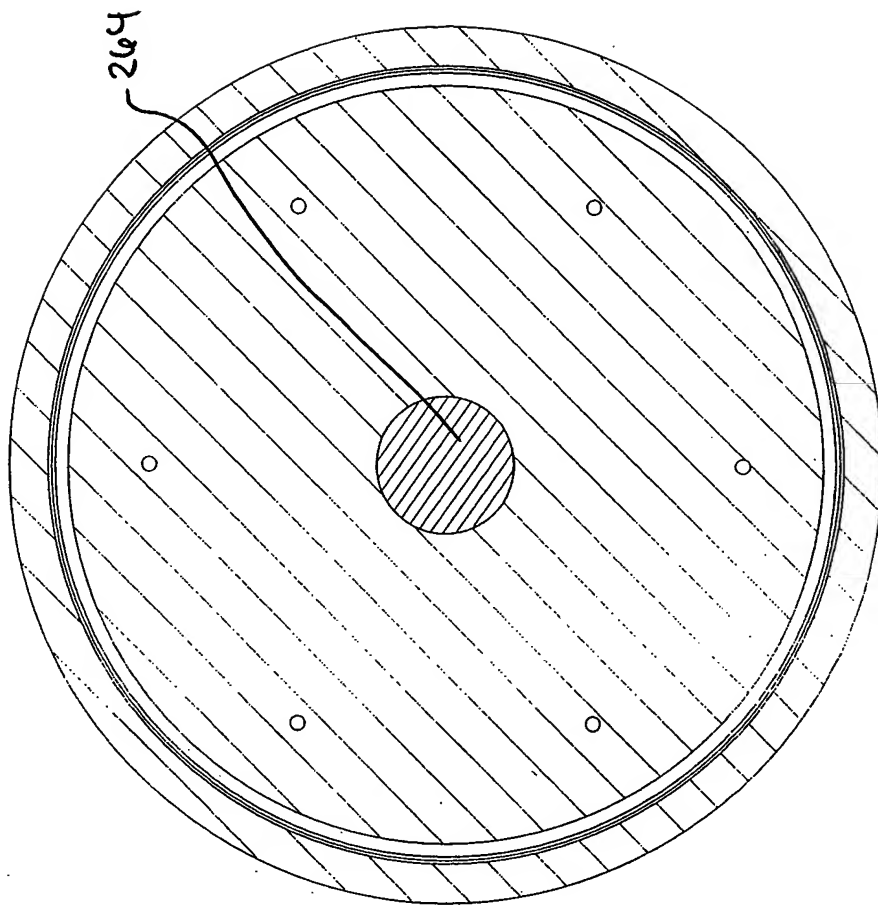
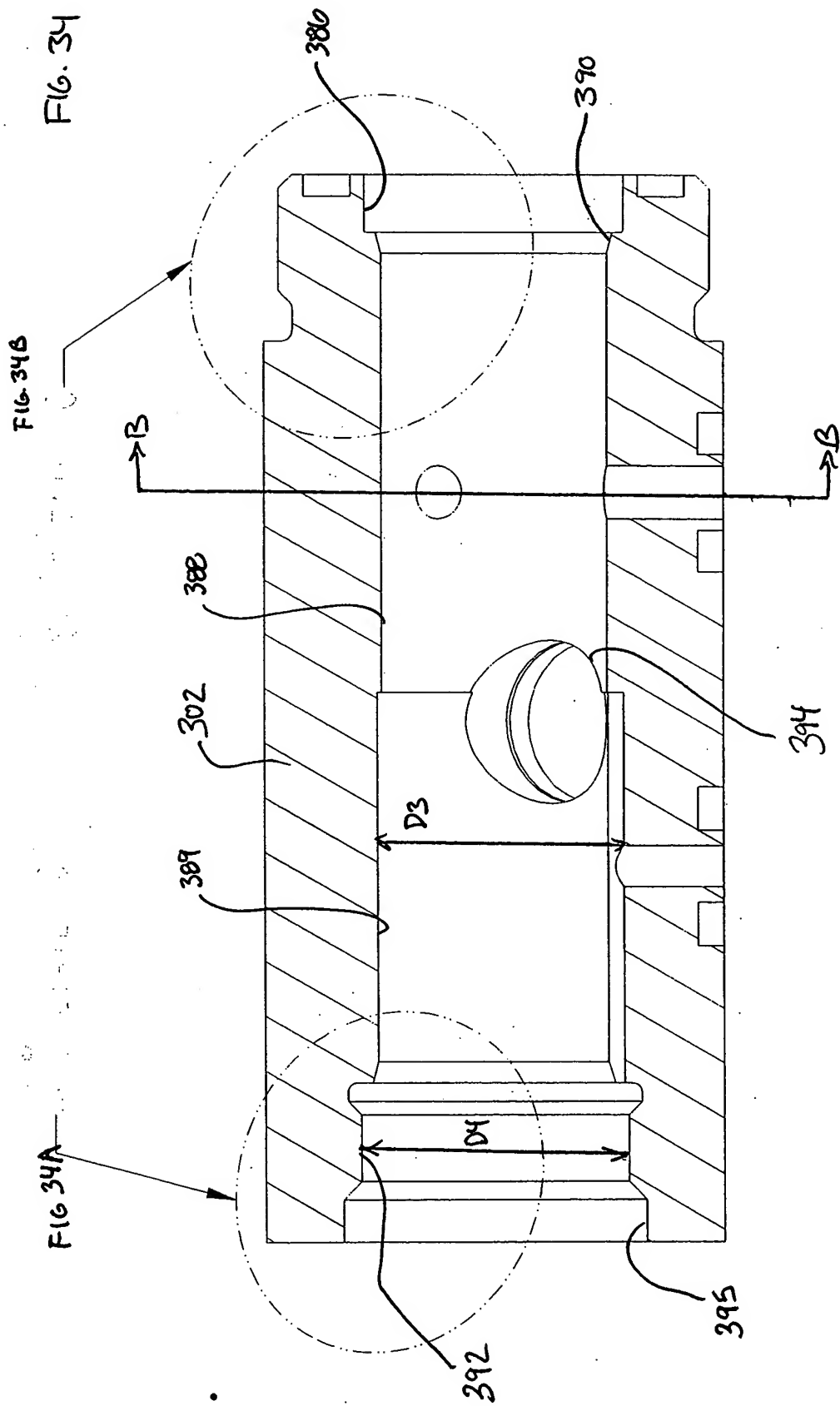


FIG. 32

F16.33





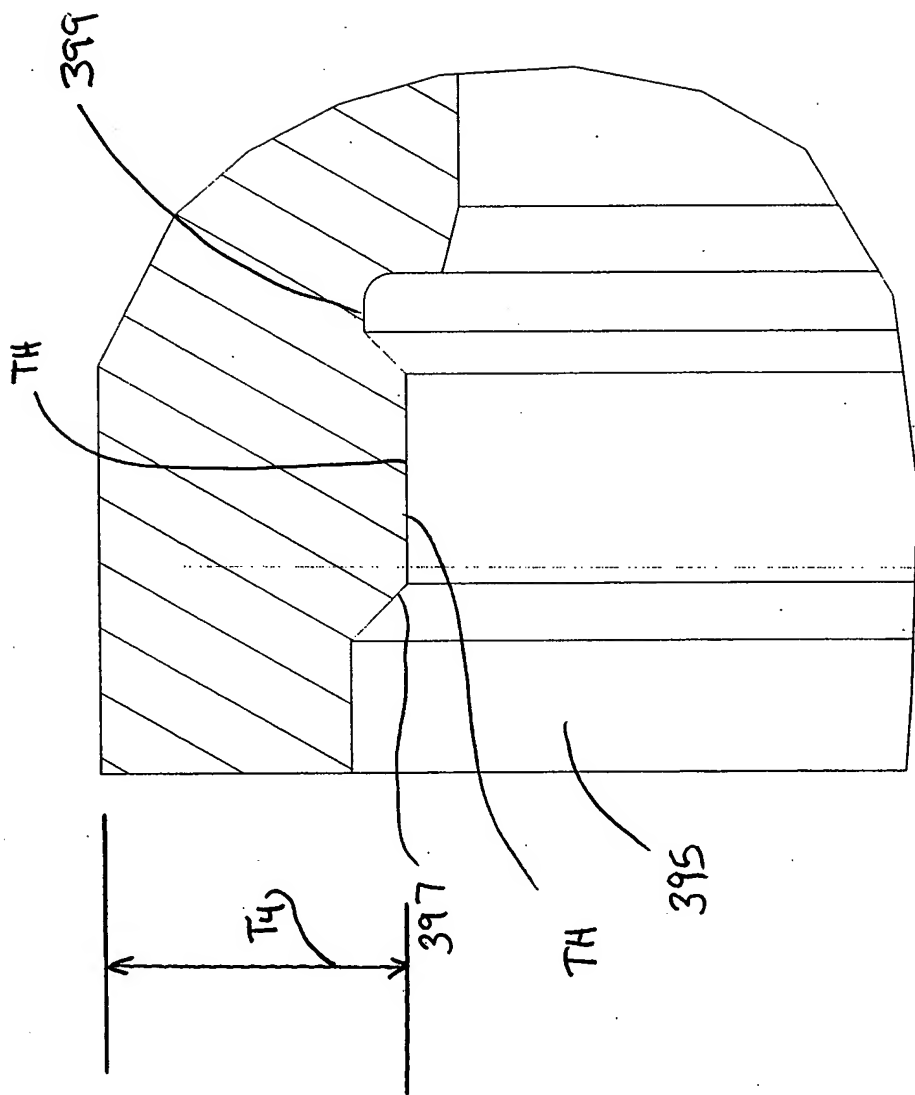


FIG. 34A

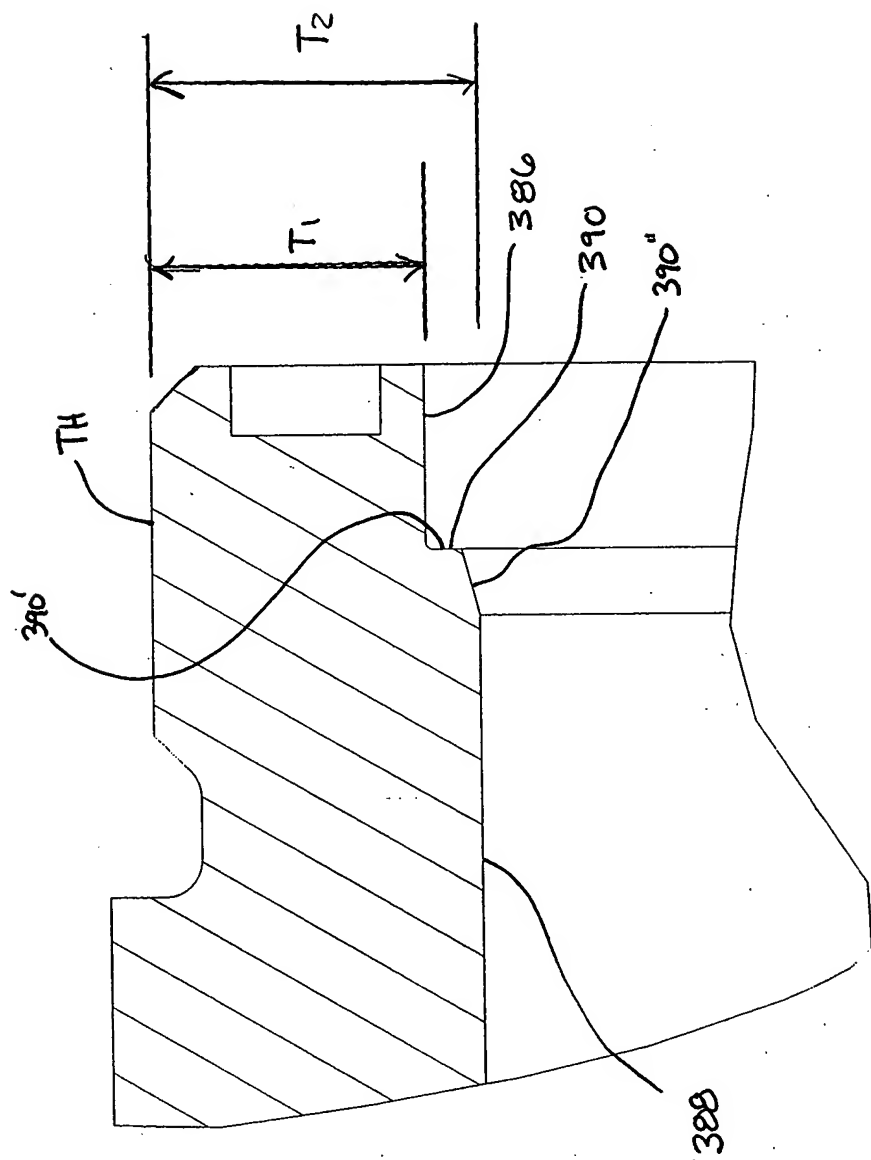


FIG. 34B

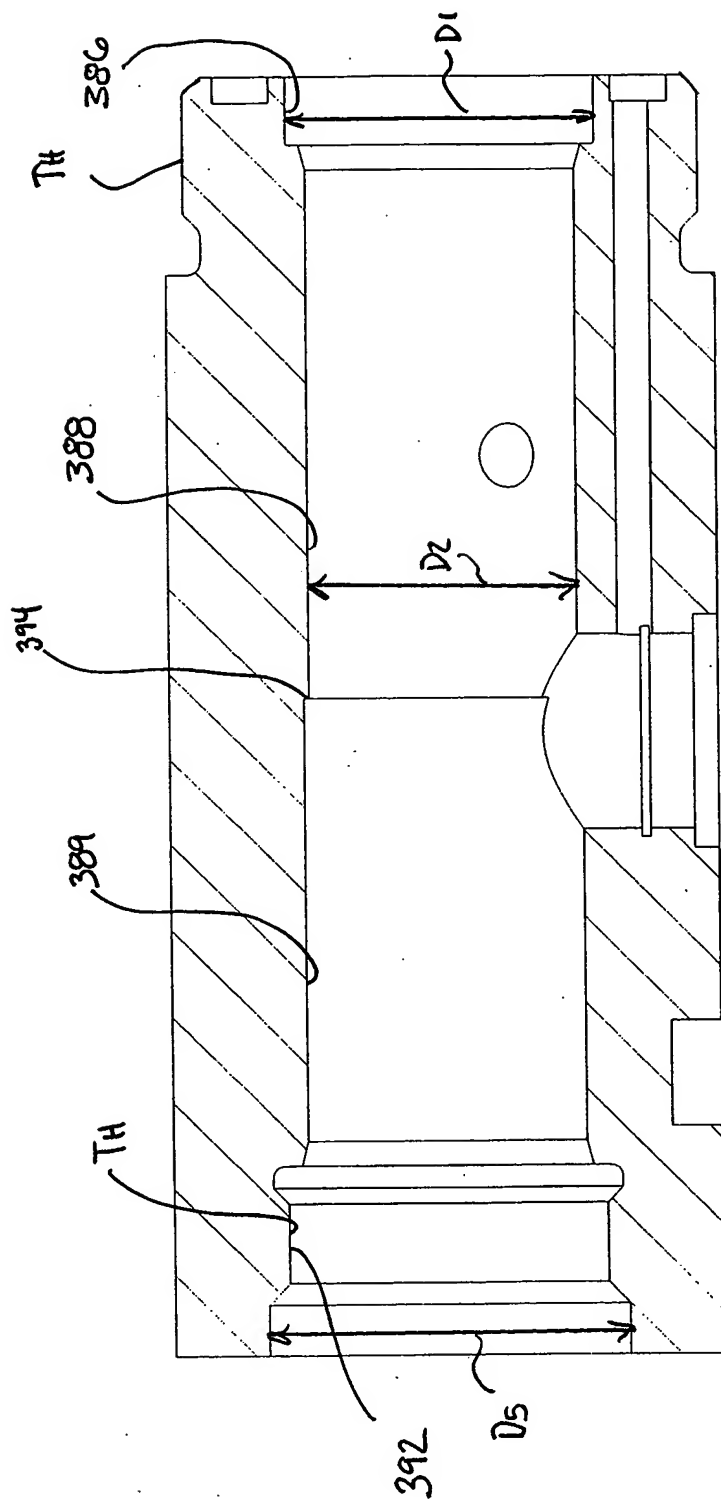


FIG. 35

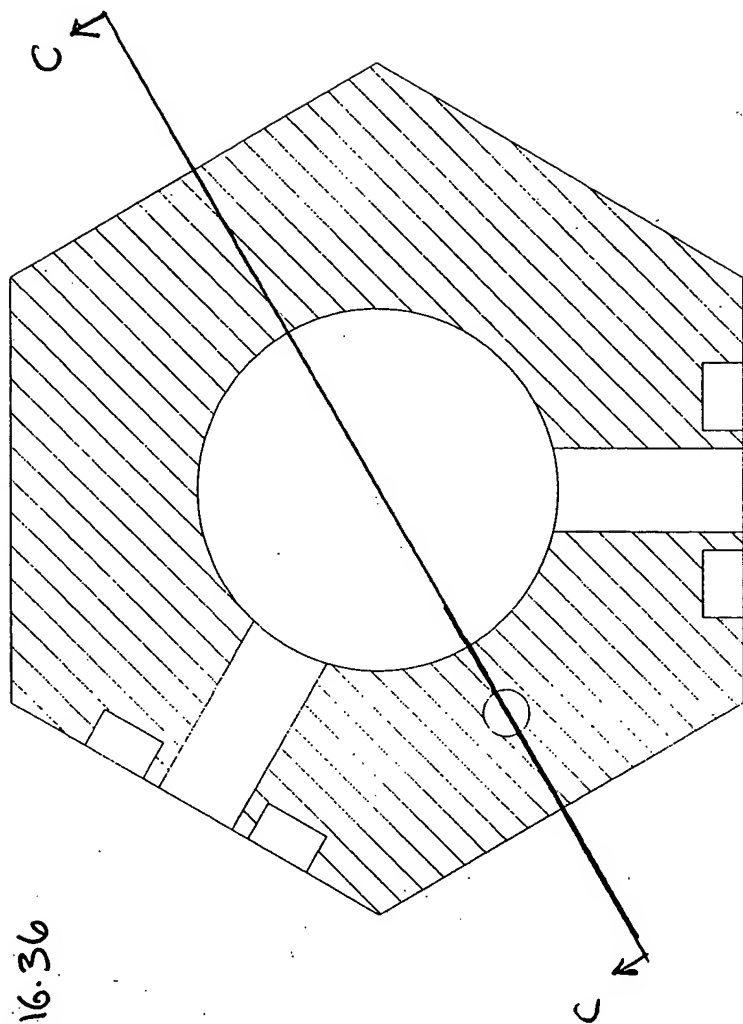
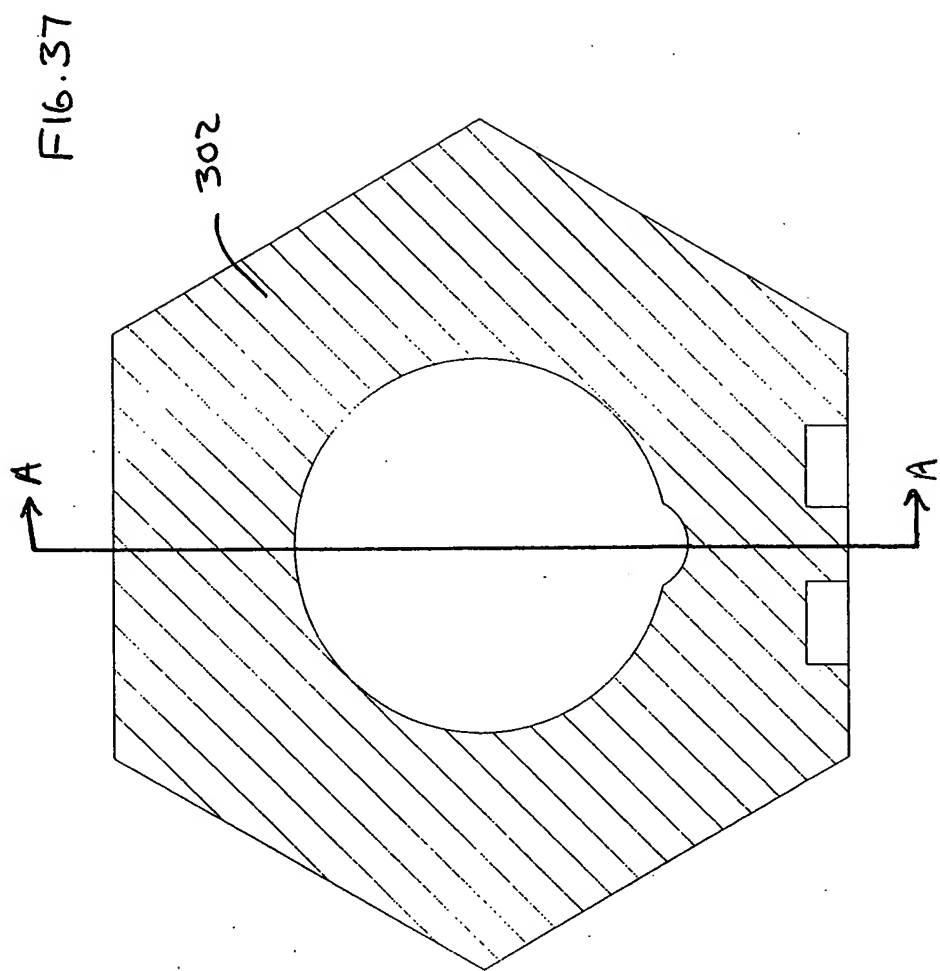


FIG. 36



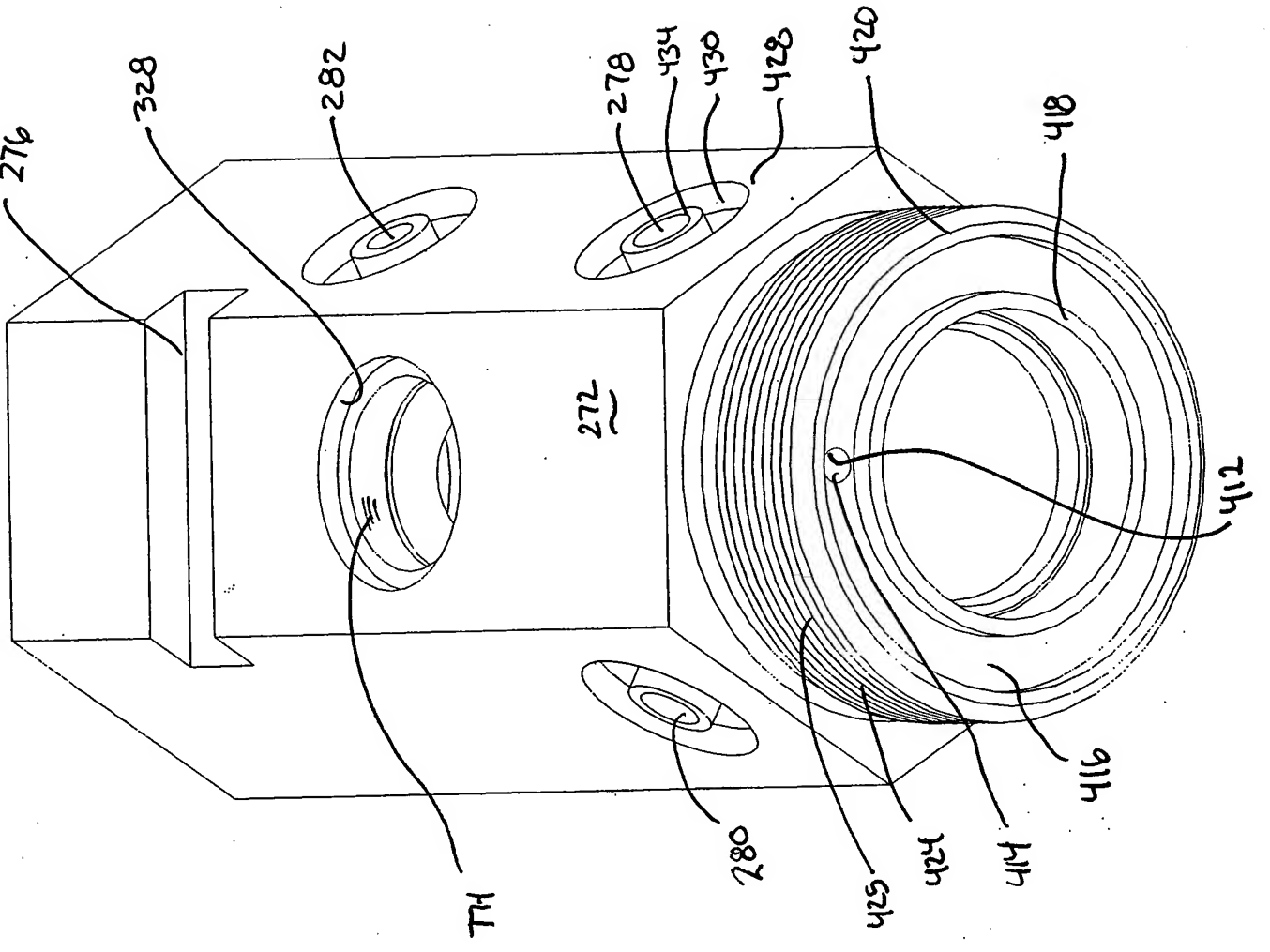


FIG. 38A

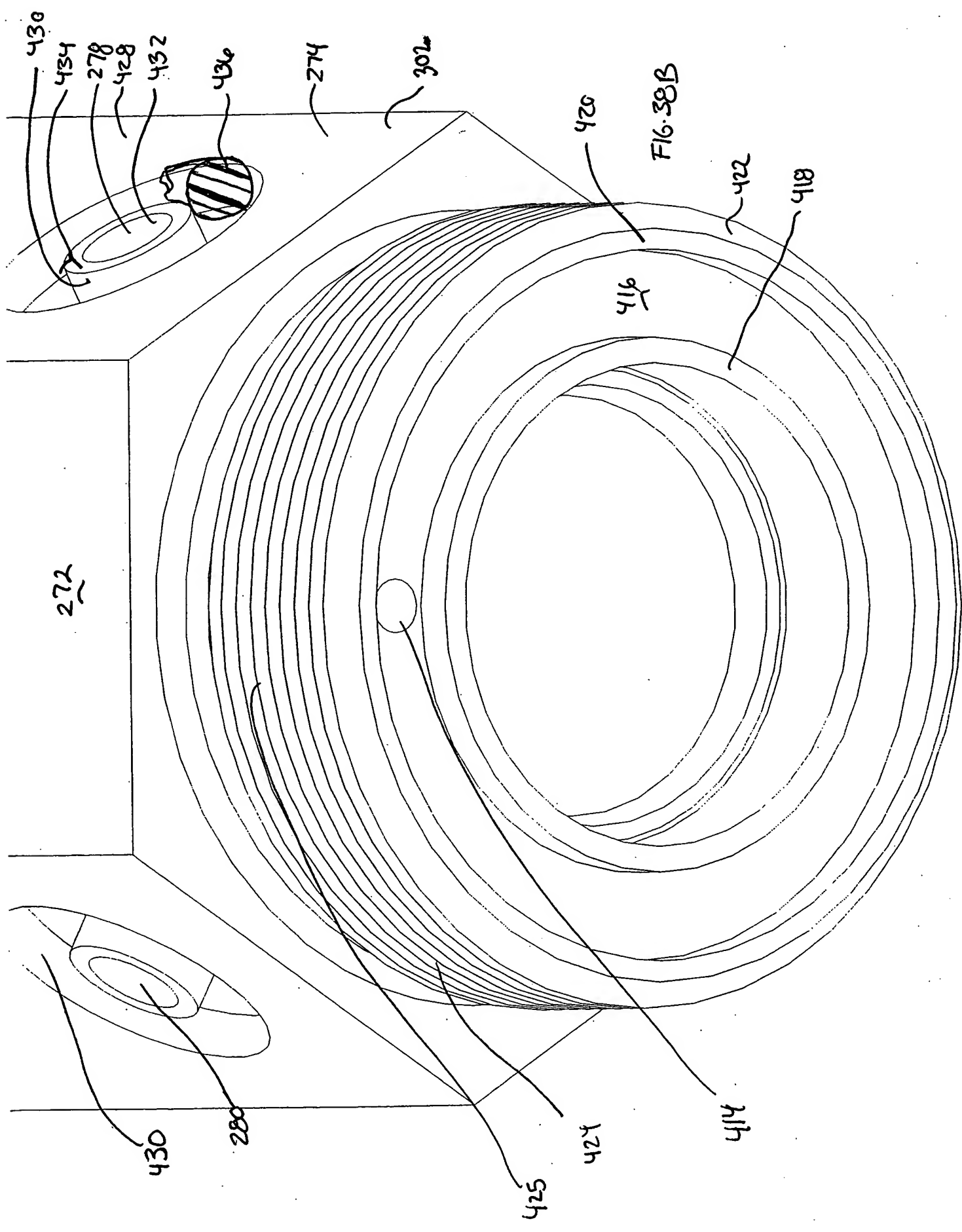
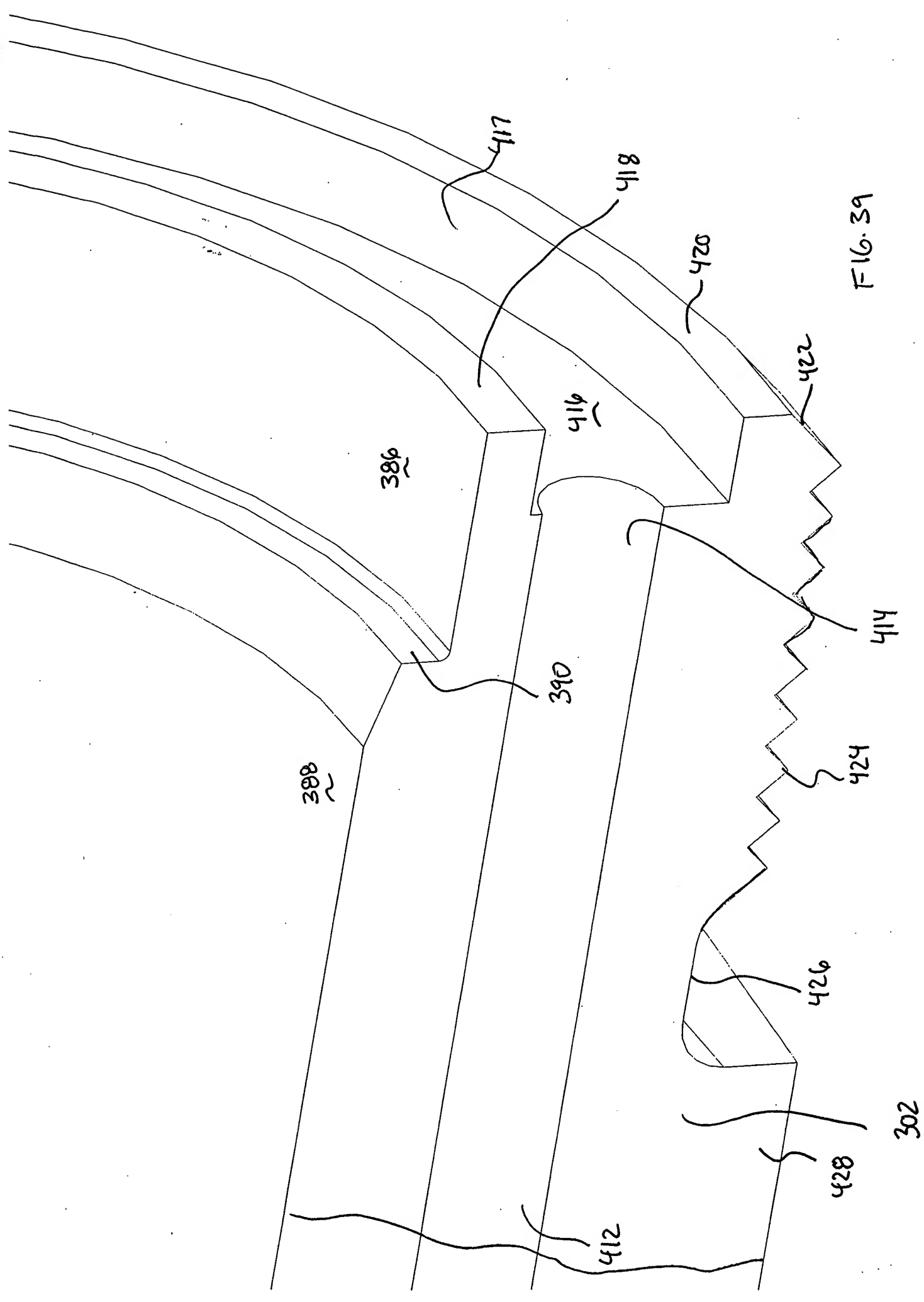


FIG. 38B



F16.39

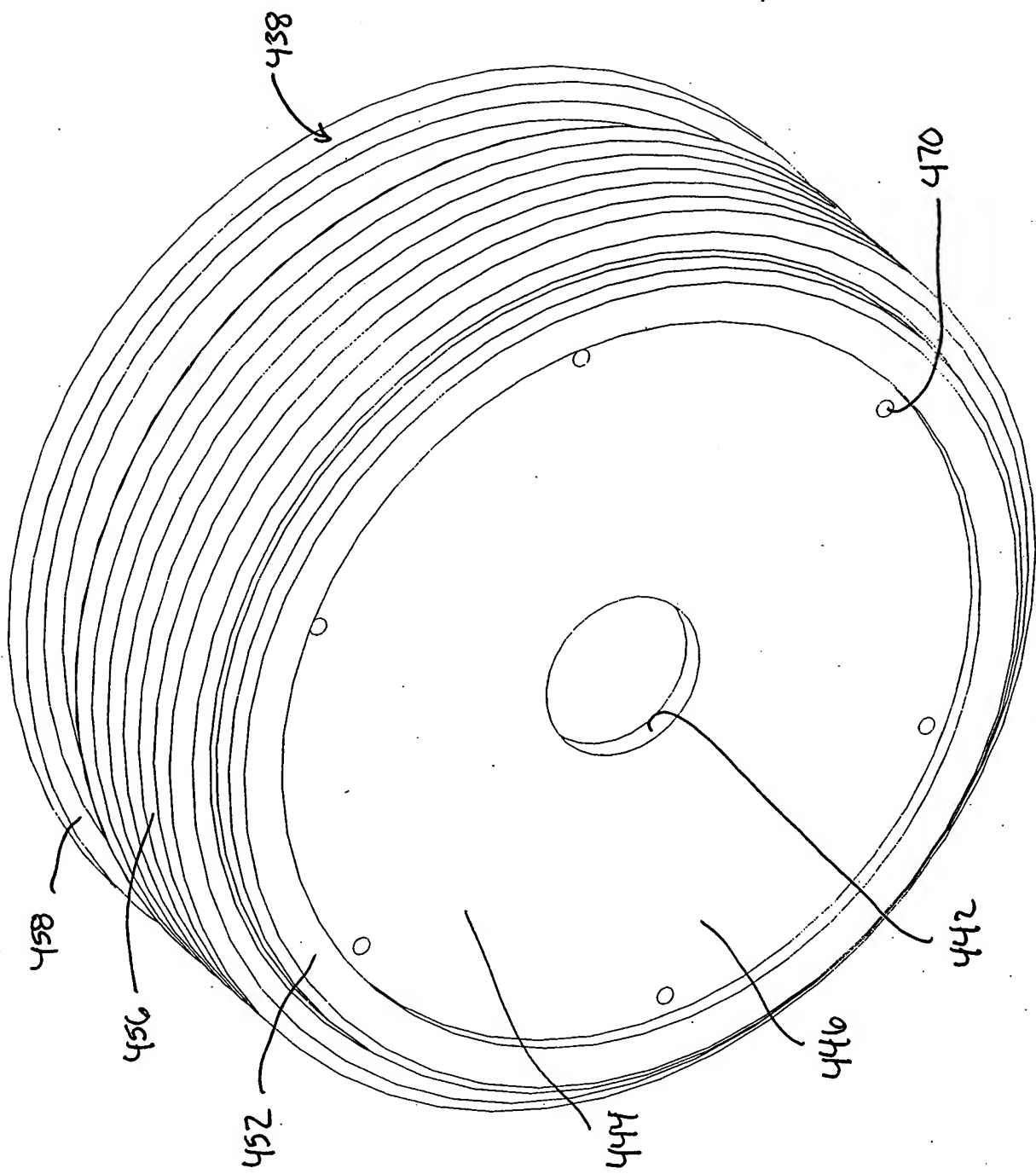
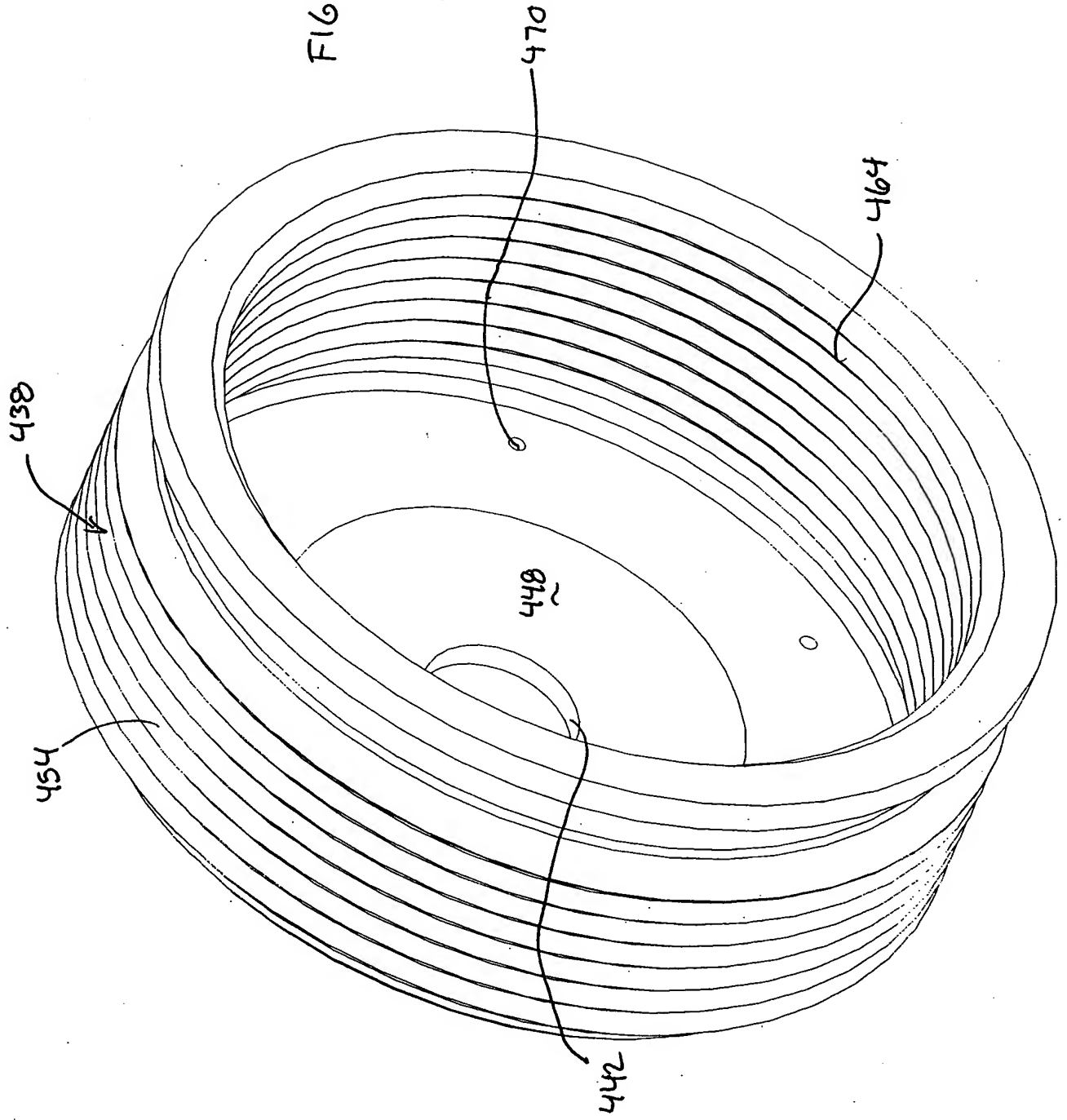
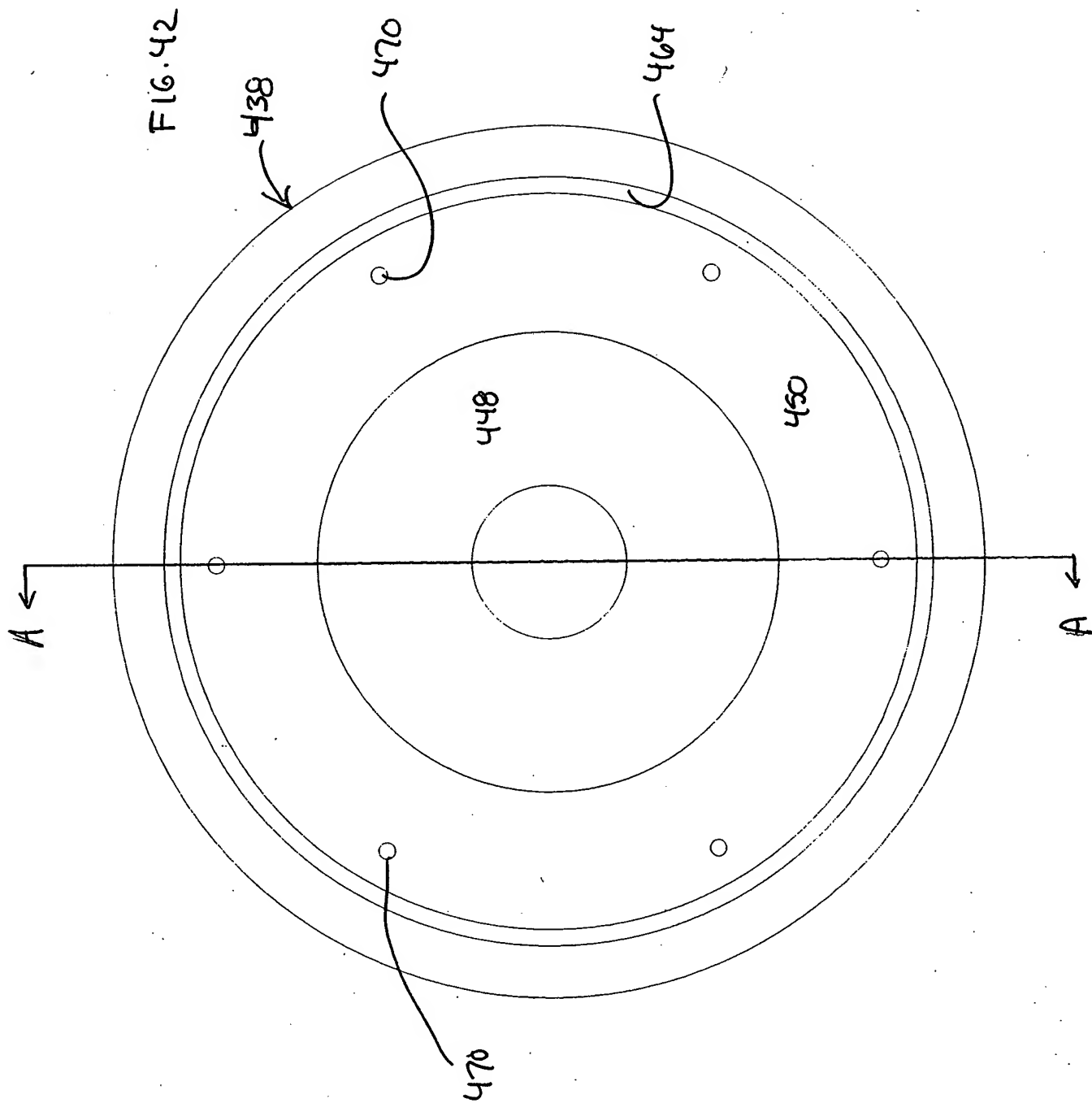


FIG. 40

FIG. 41





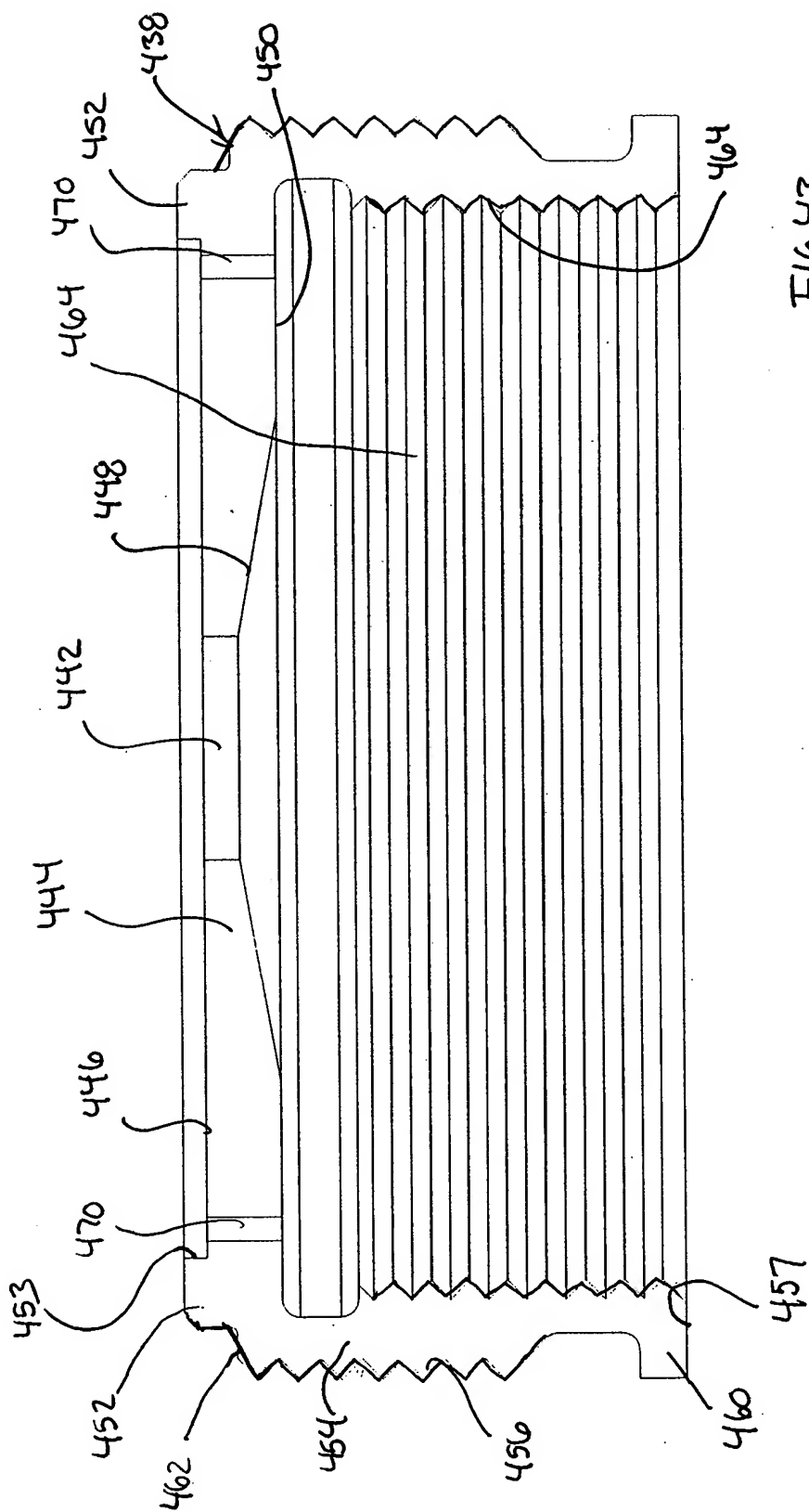


FIG. 43

FIG. 44

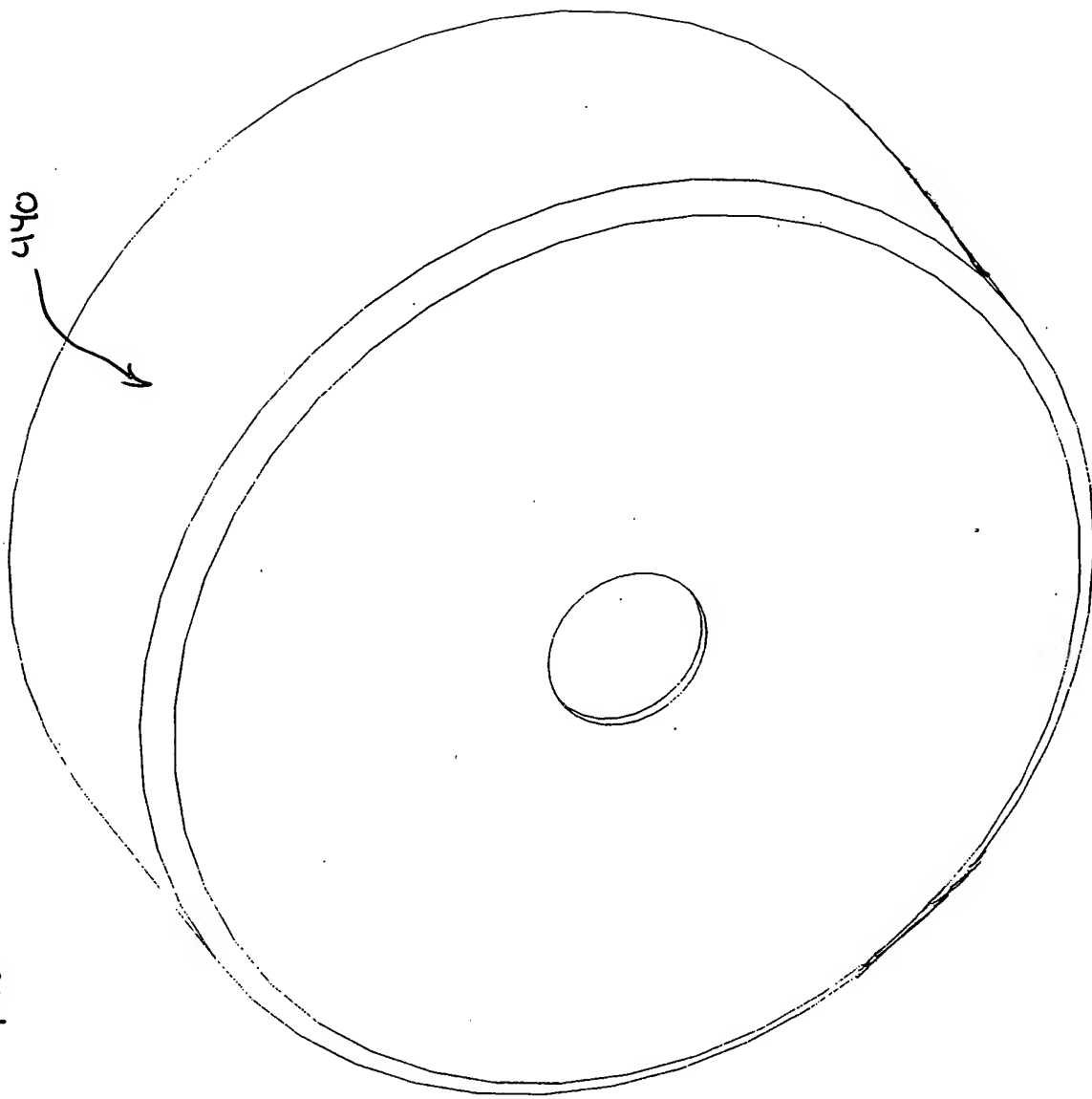


FIG. 45

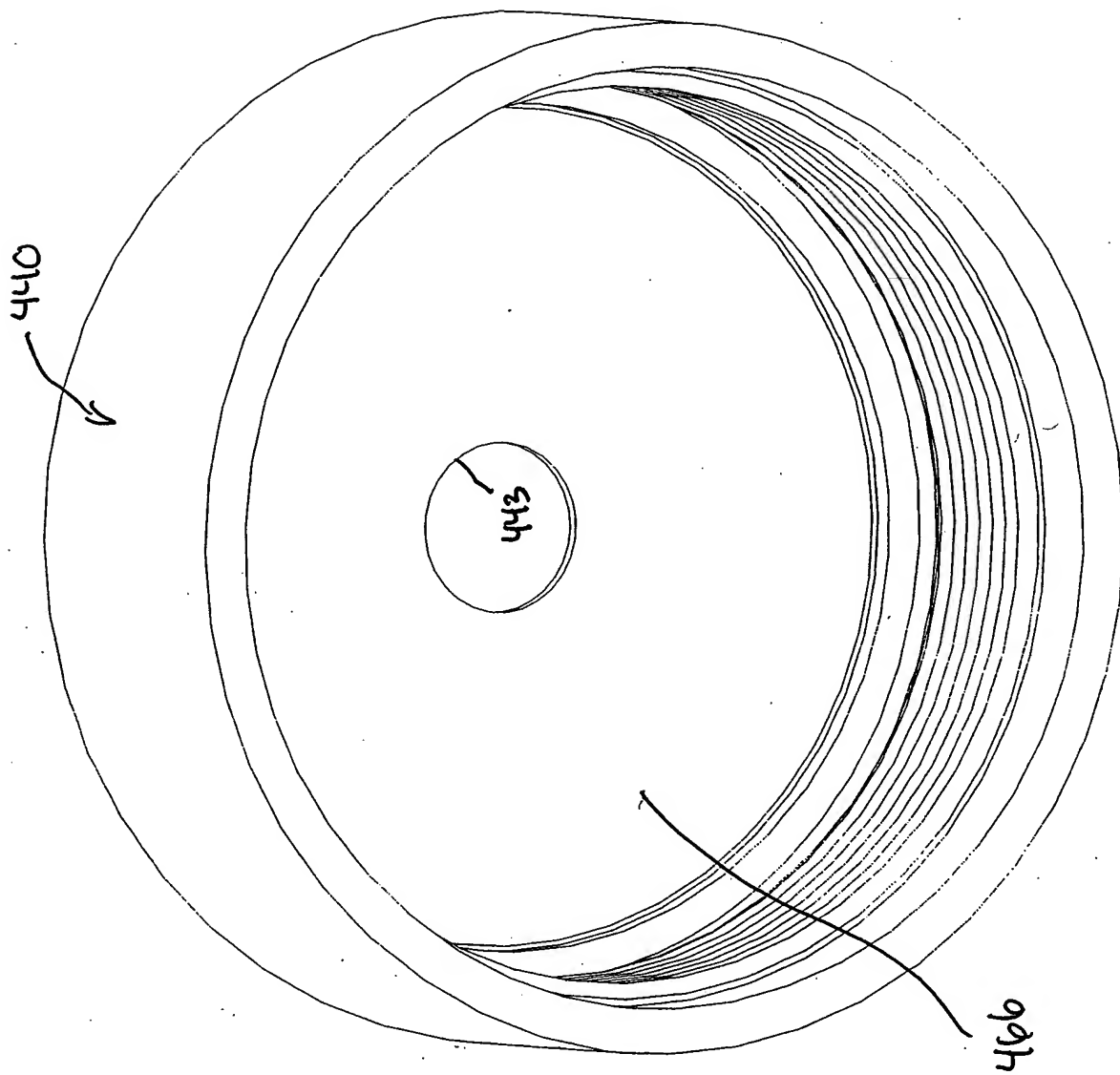
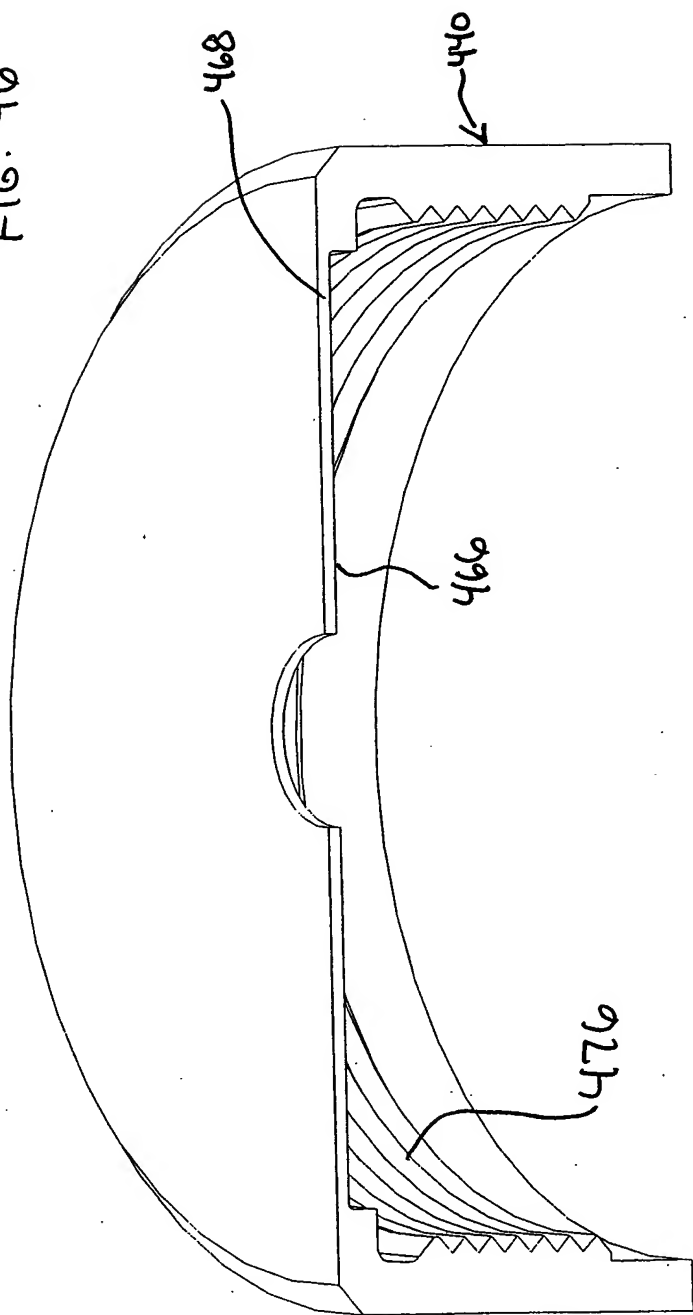


FIG. 46



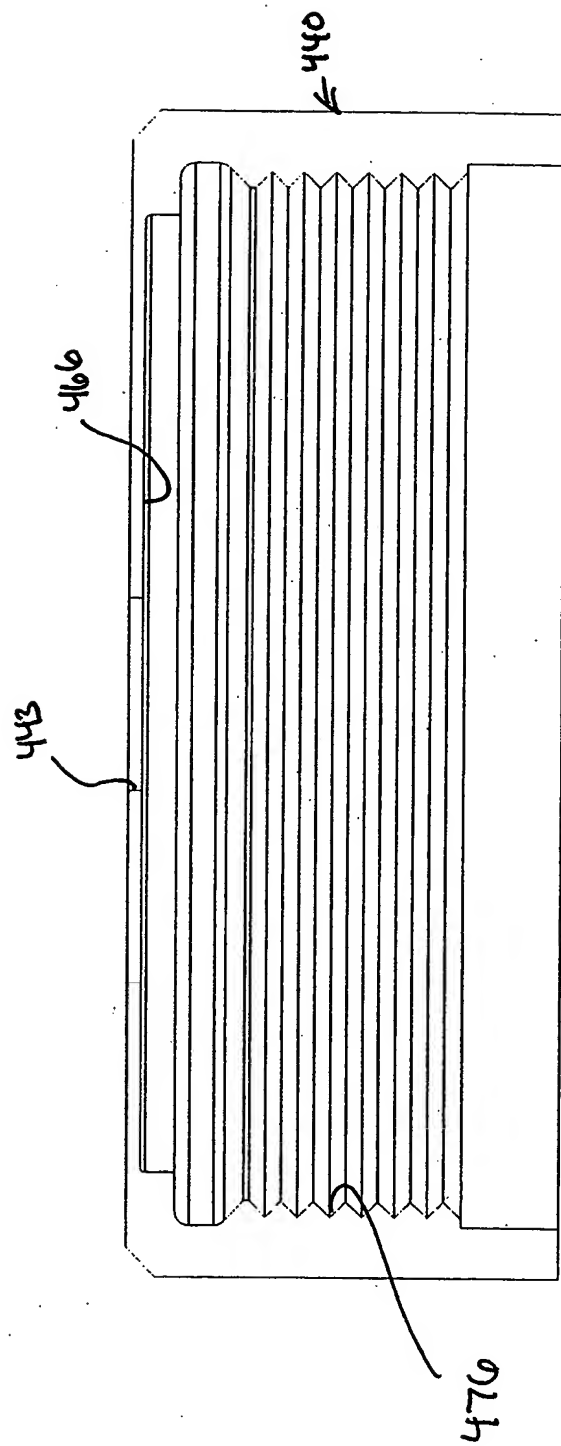
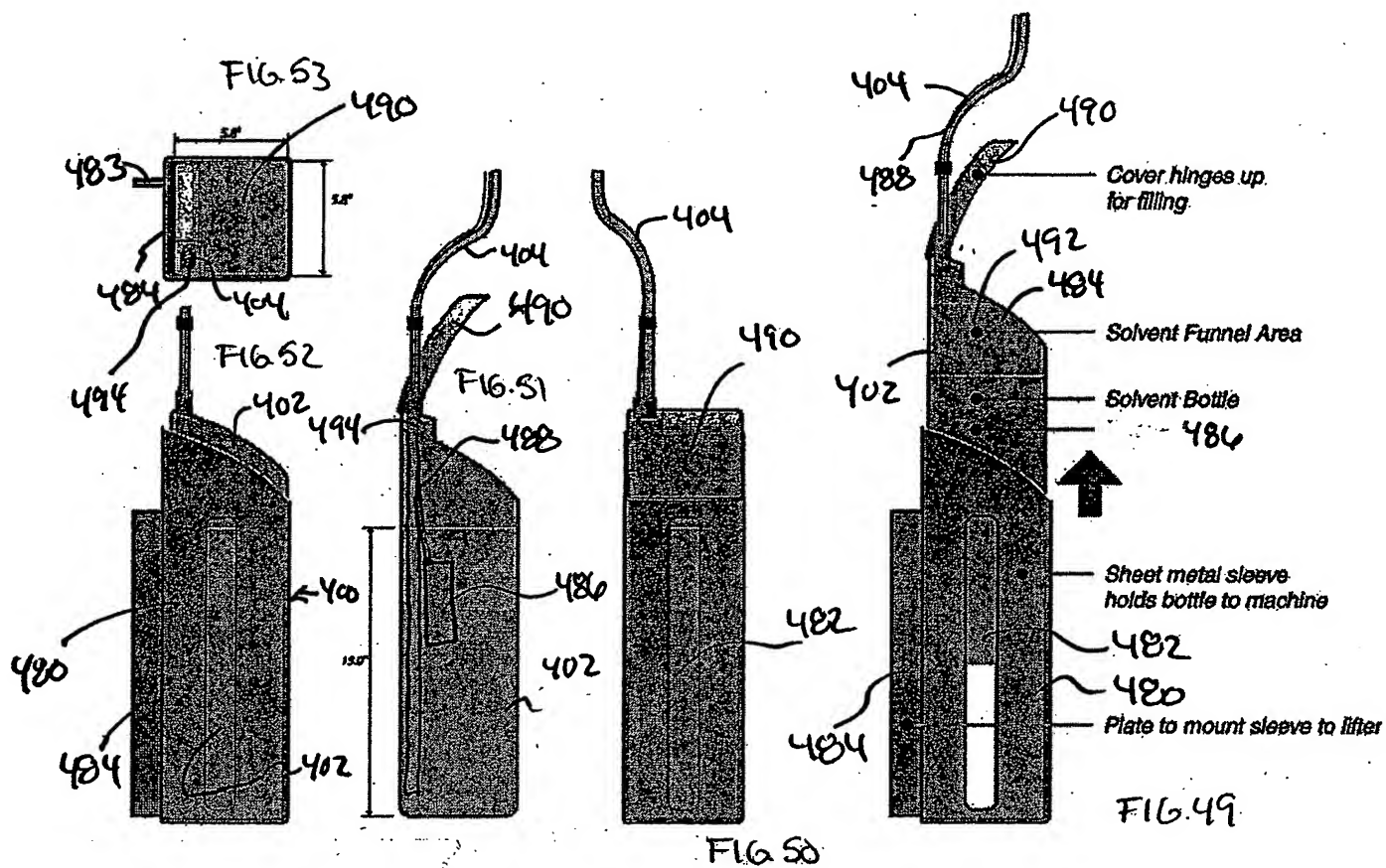


FIG. 47





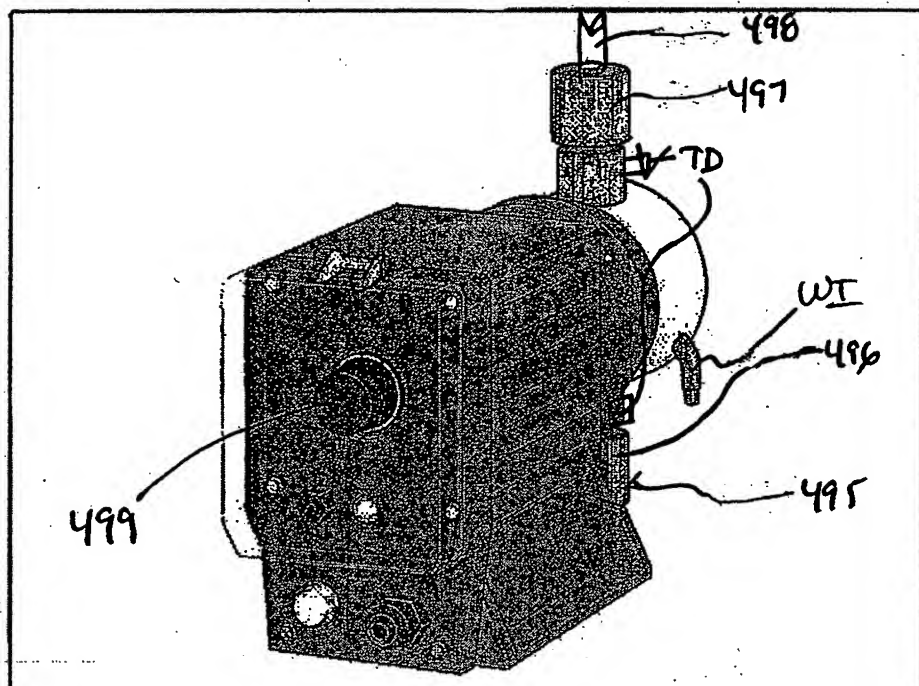


FIG. 54

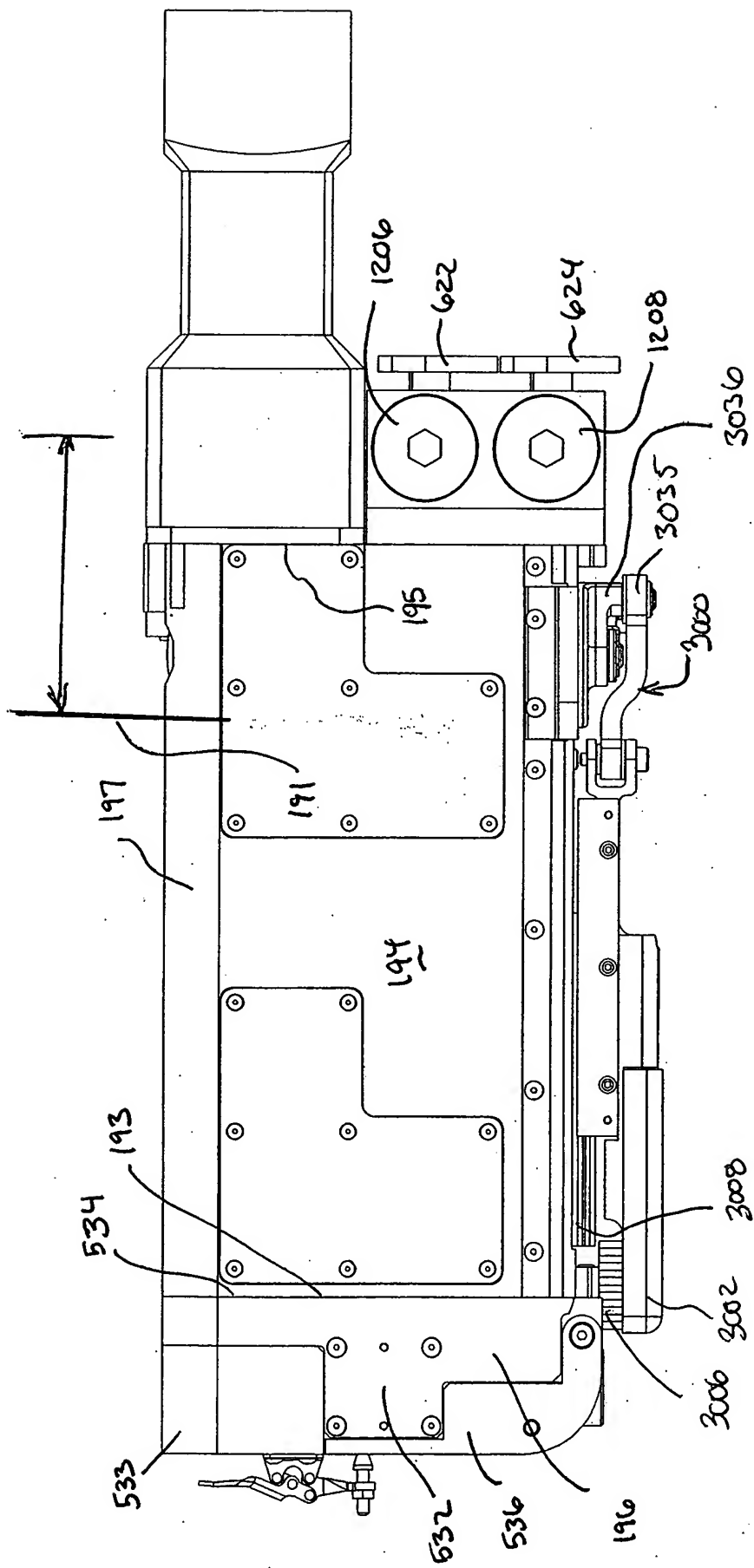


FIG. 55

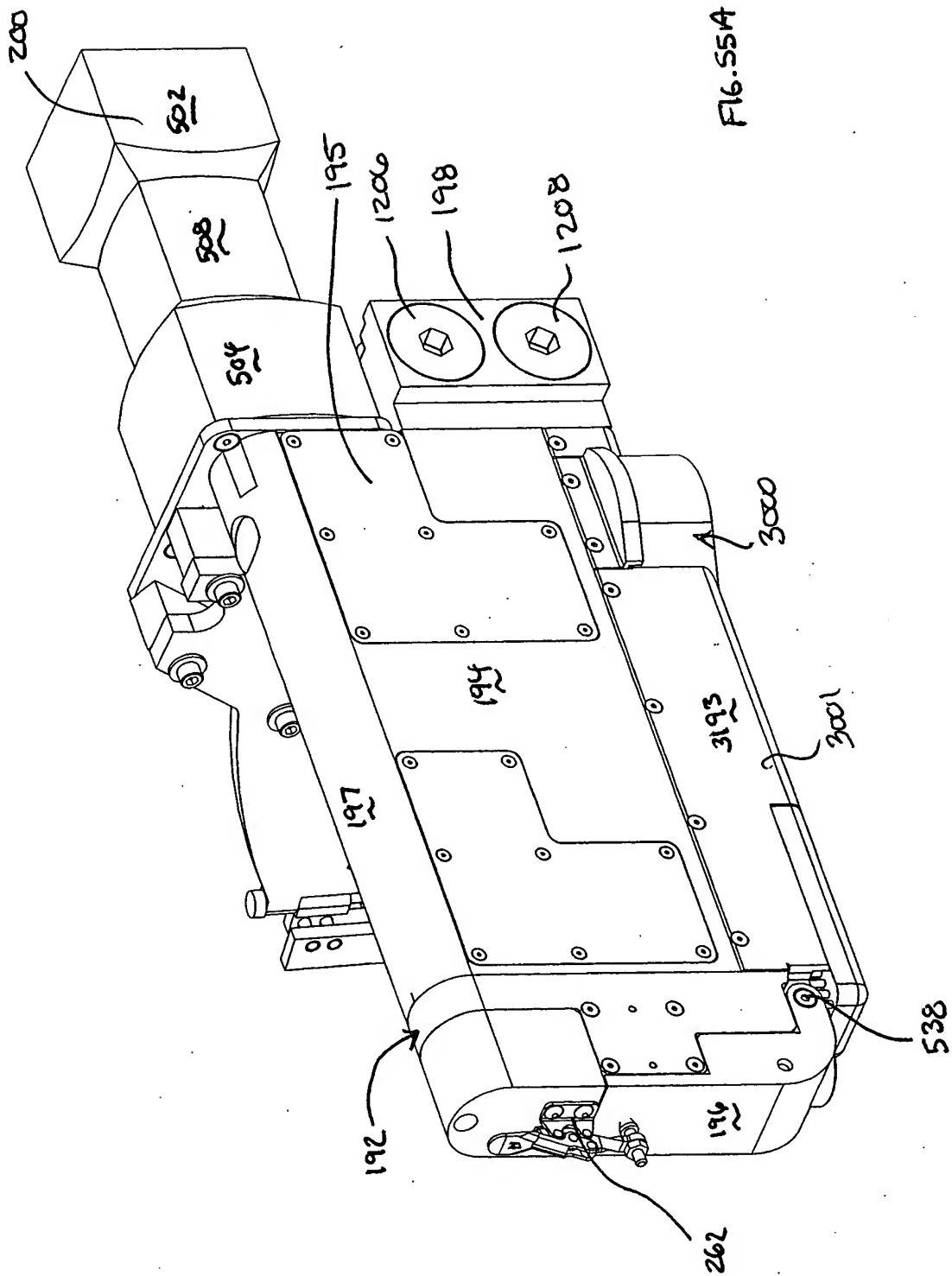
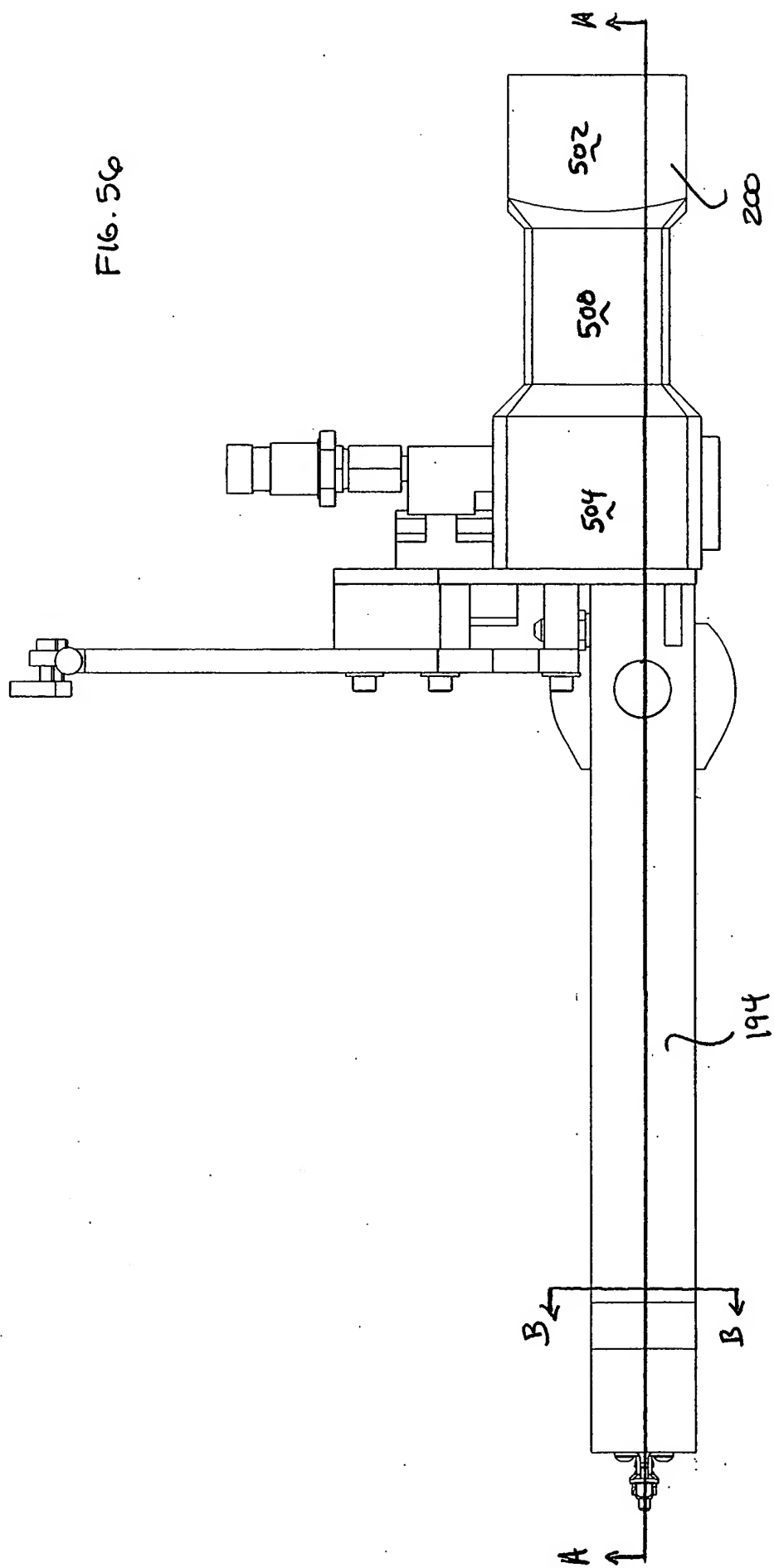


FIG. 56



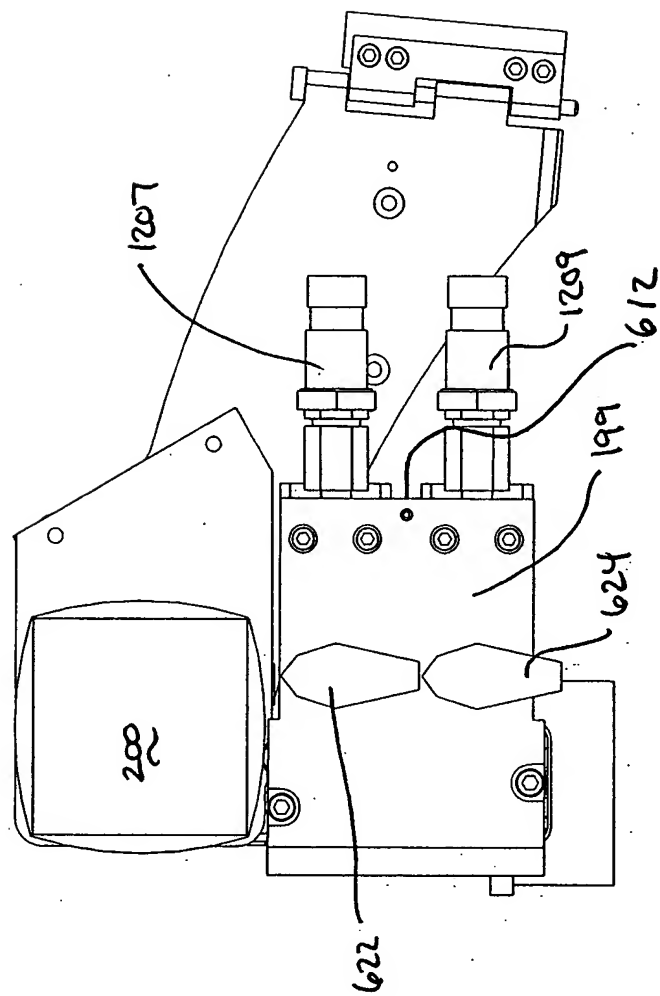


FIG. 57

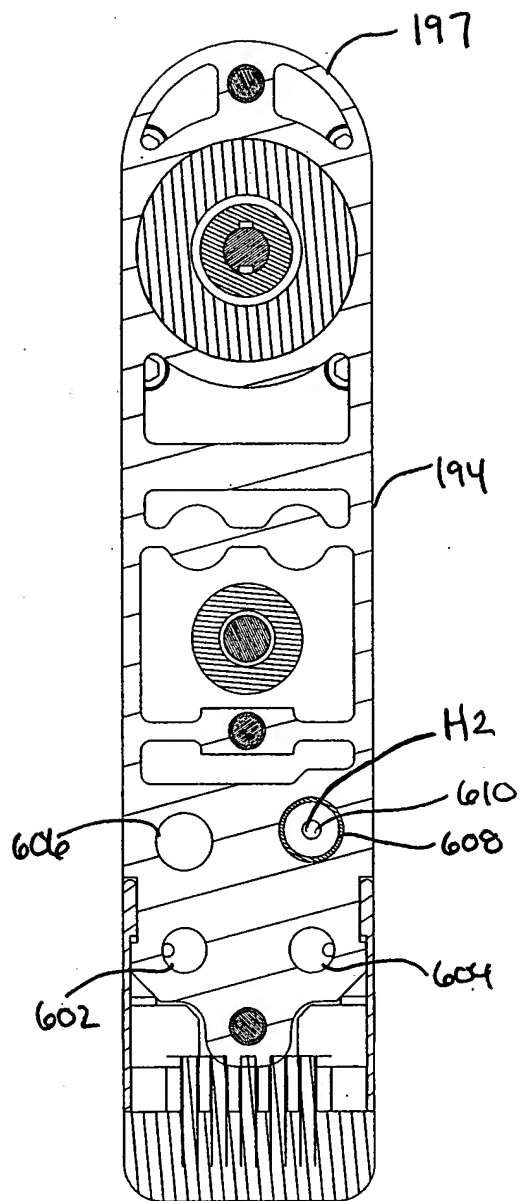


FIG. 58



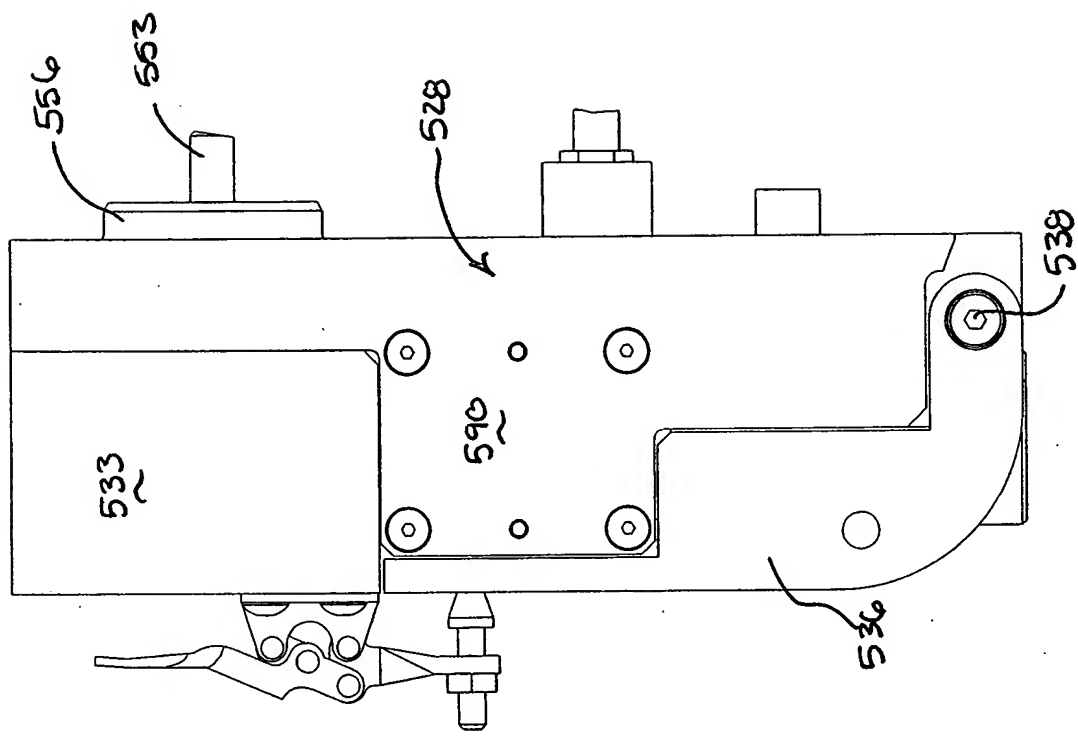


FIG. 60

FIG. 61

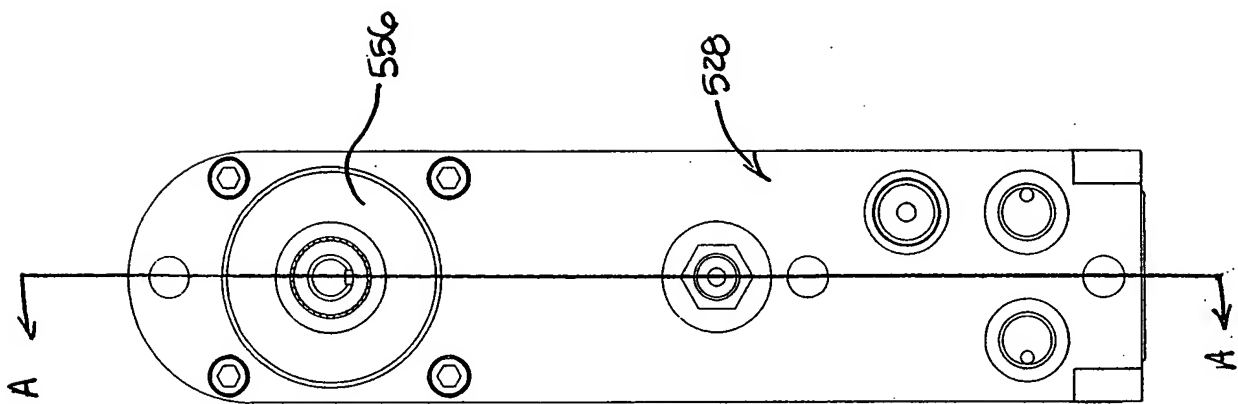
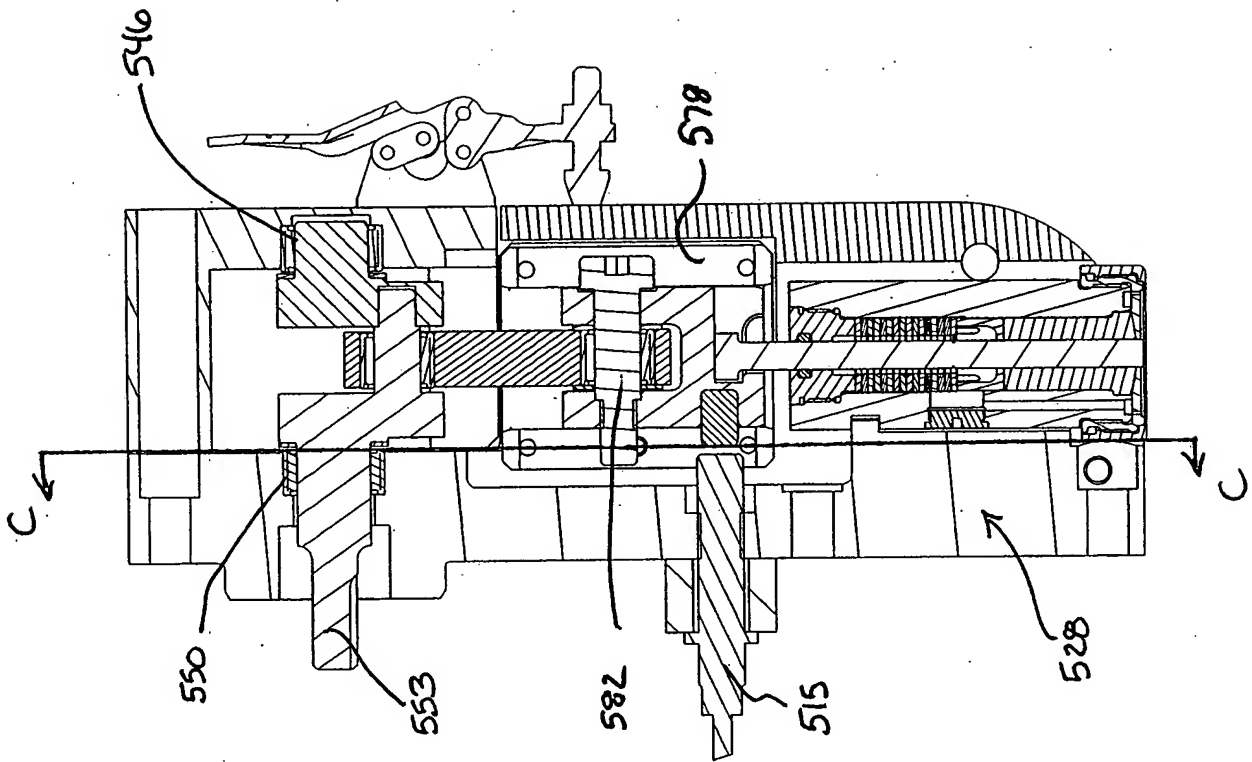


FIG. 62



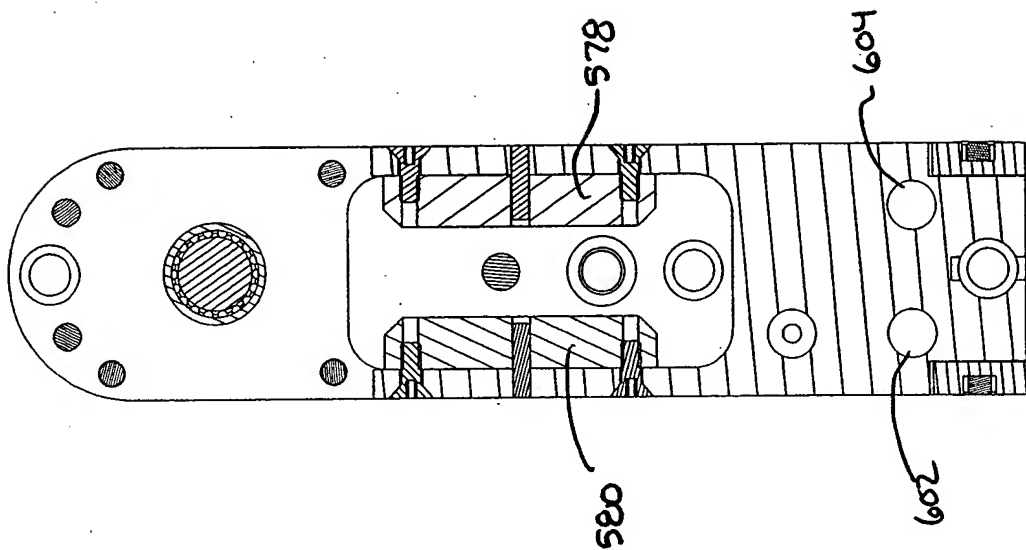


FIG. 63

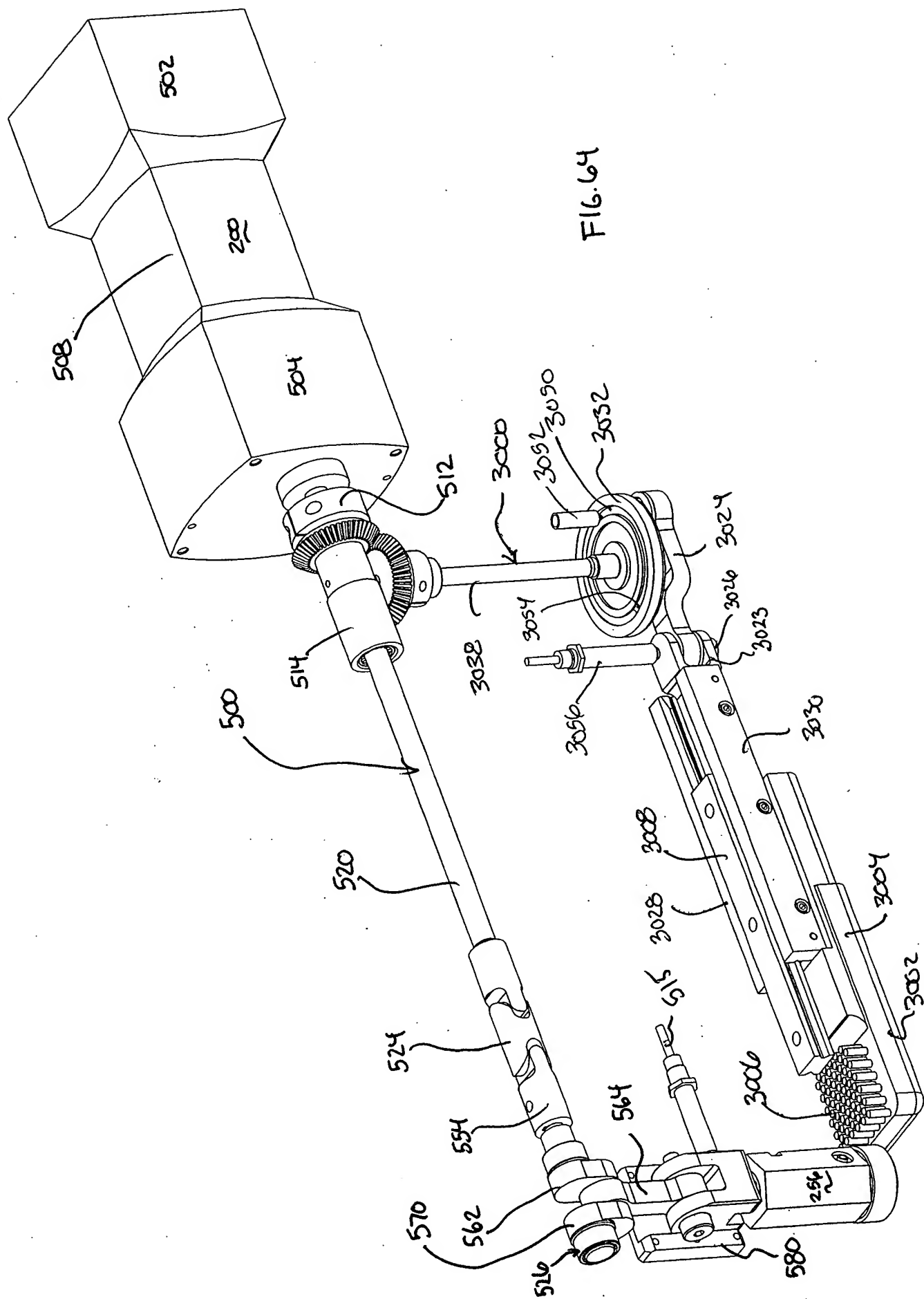
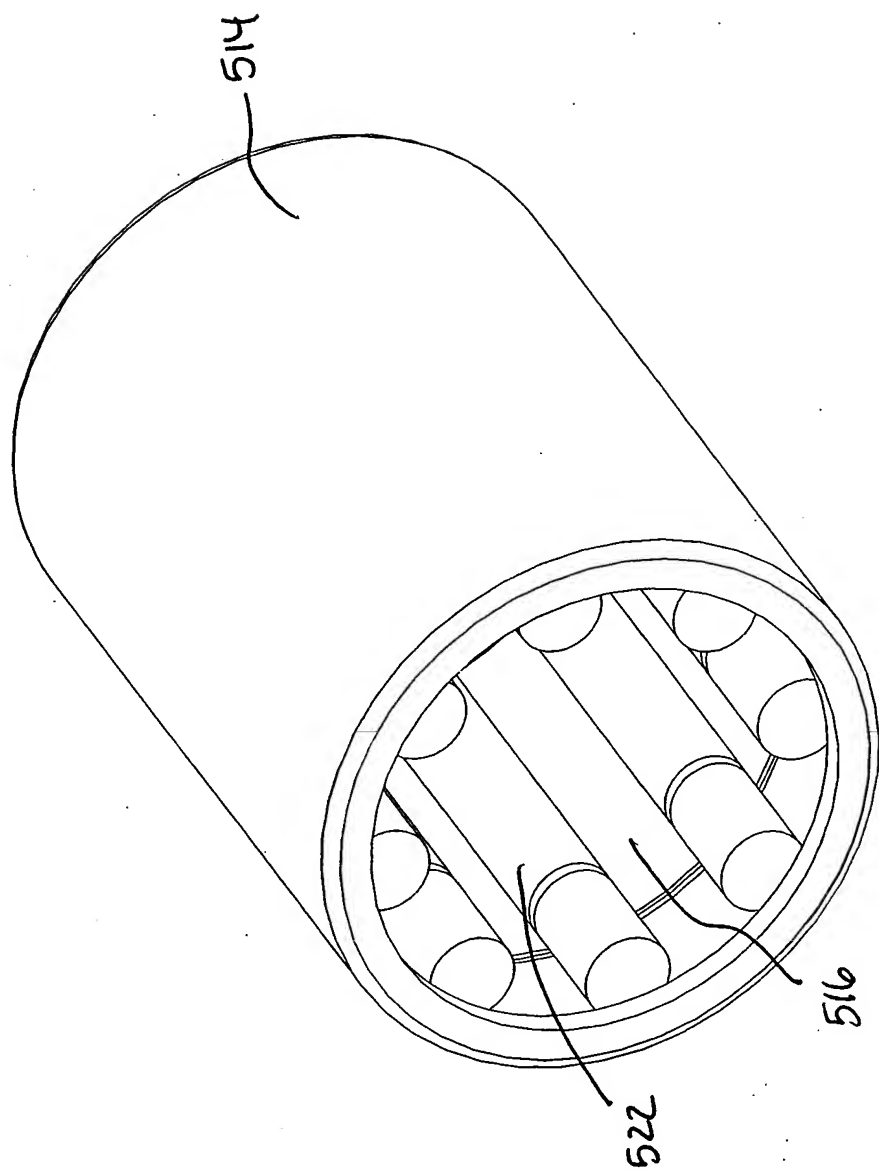


FIG. 64

FIG. 65



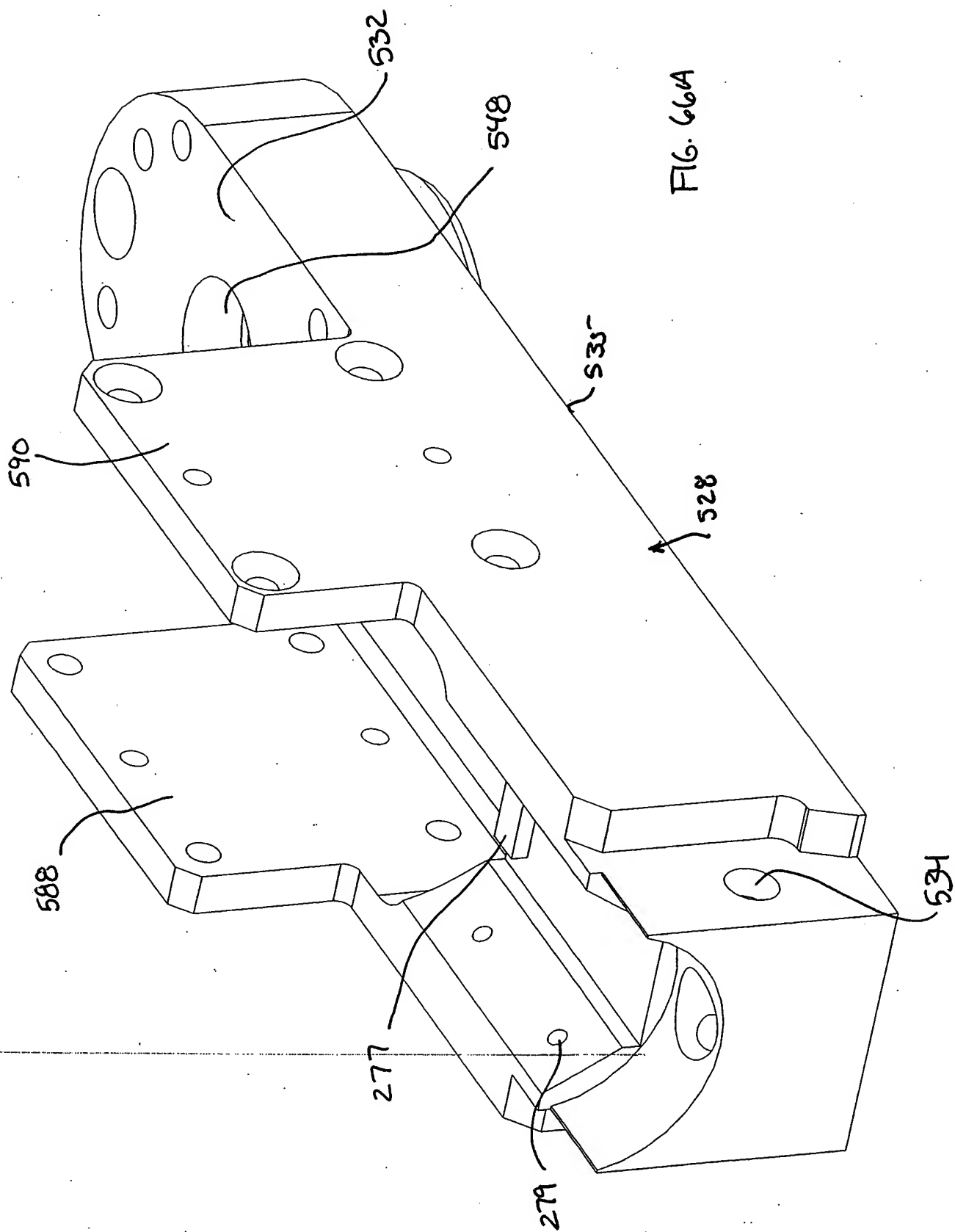
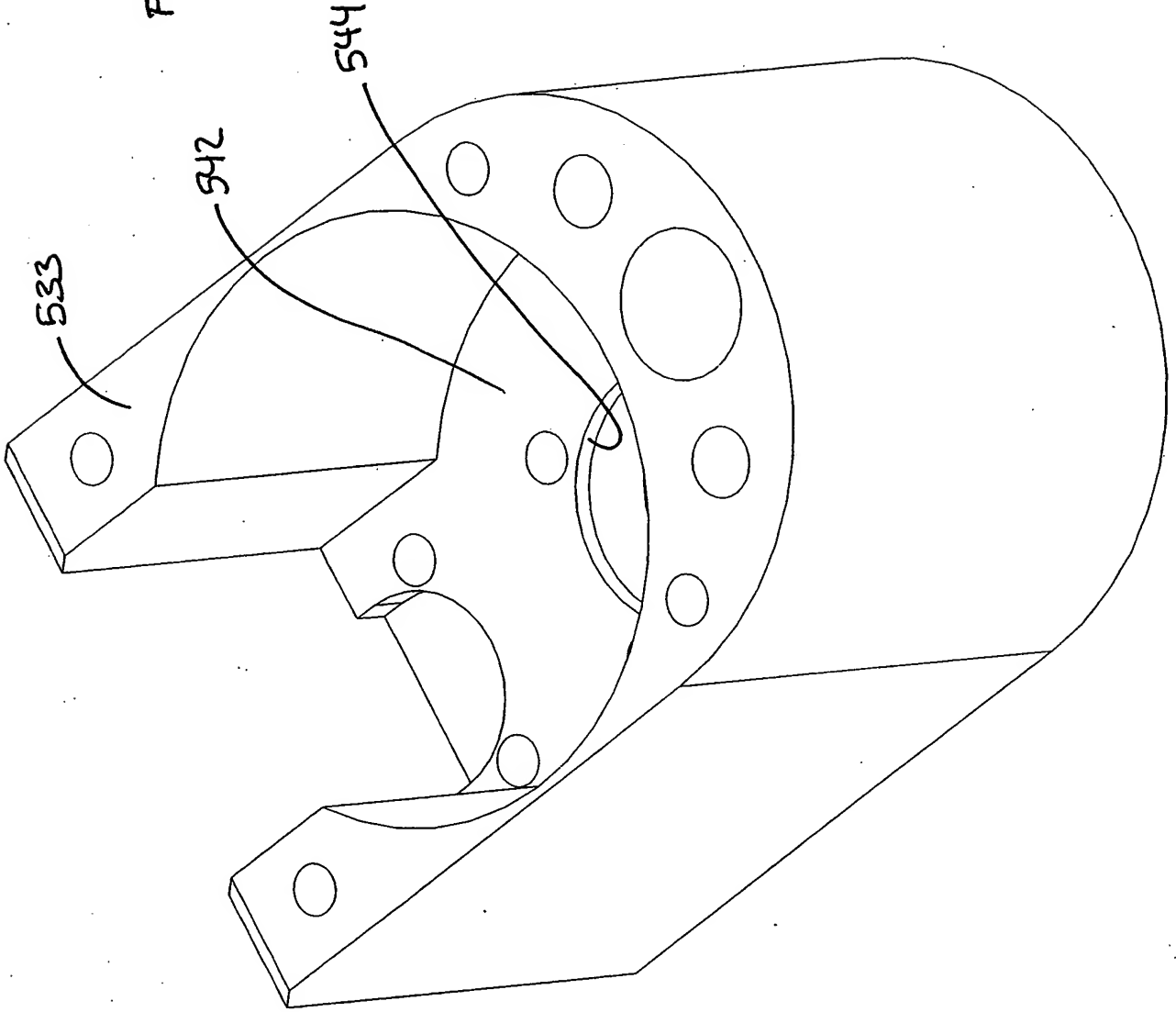


FIG. 66A

FIG. 66B



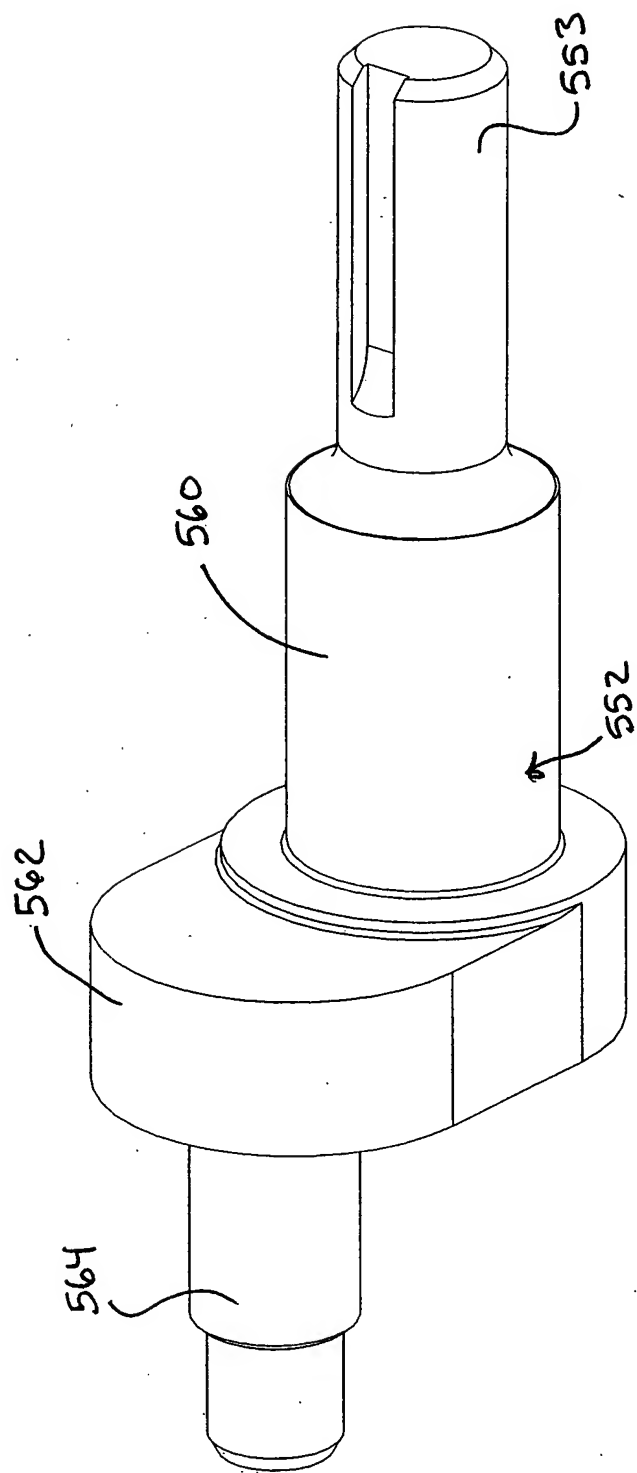


FIG. 67

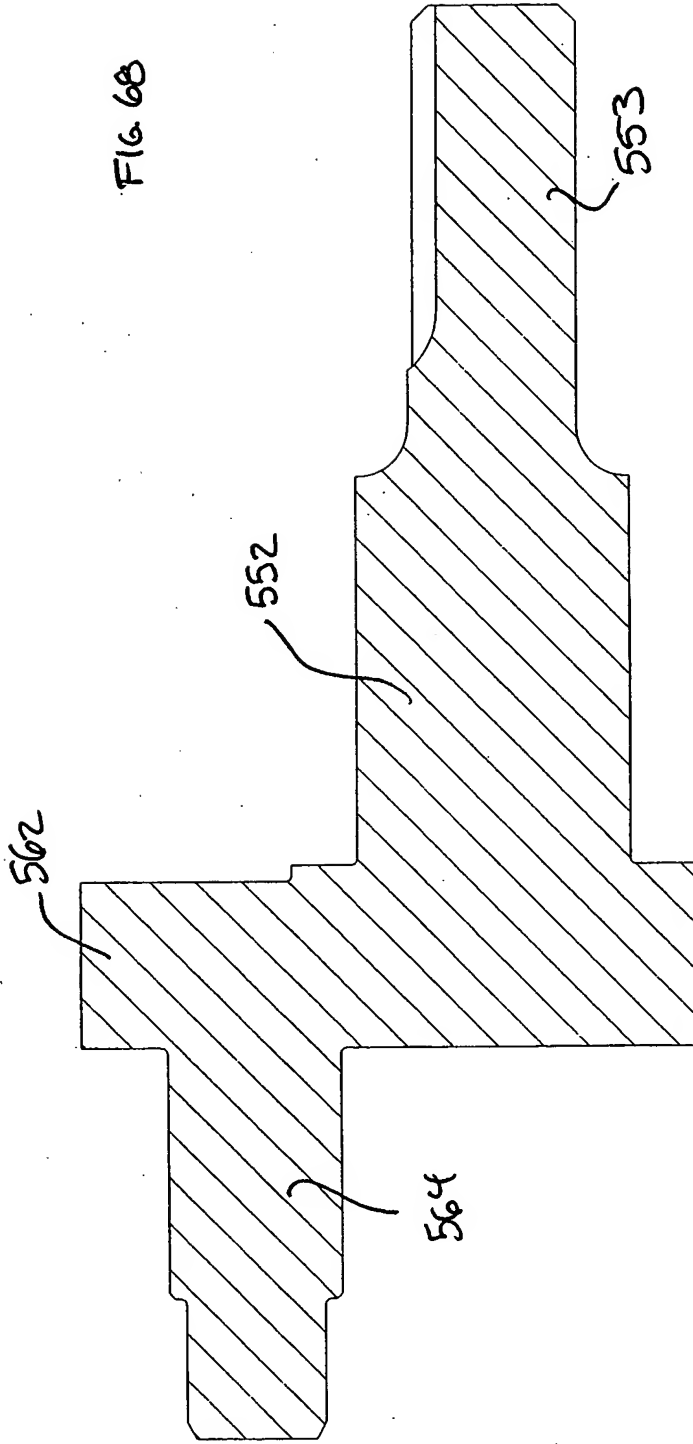


FIG. 6B

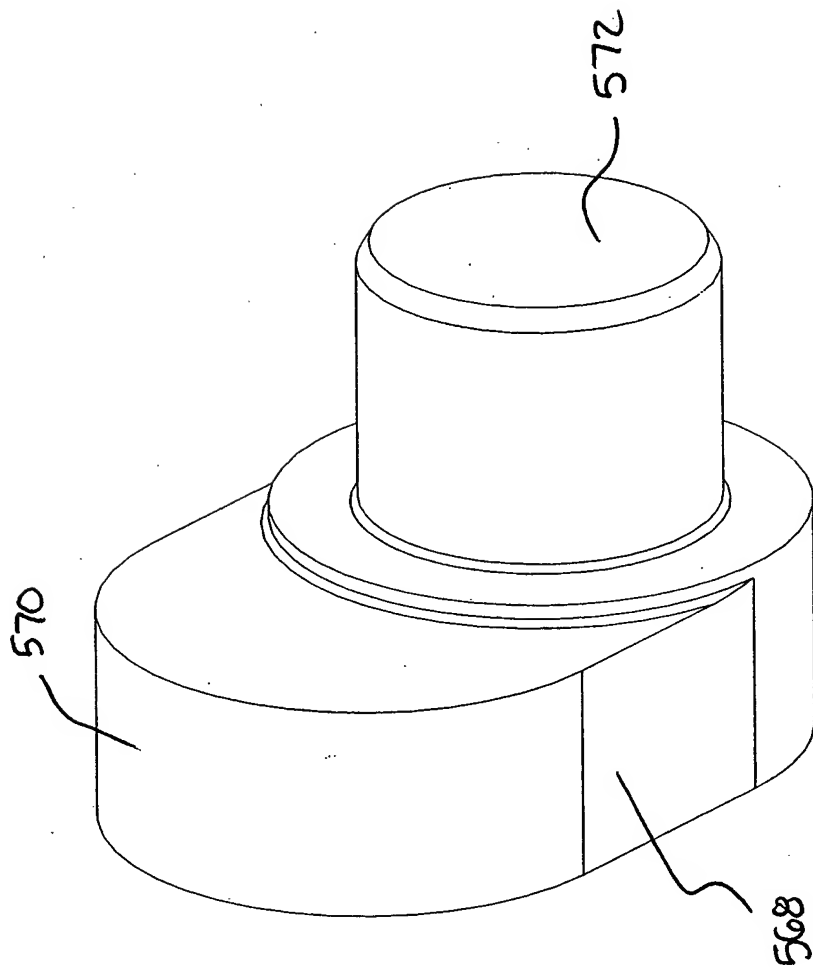


FIG. 69

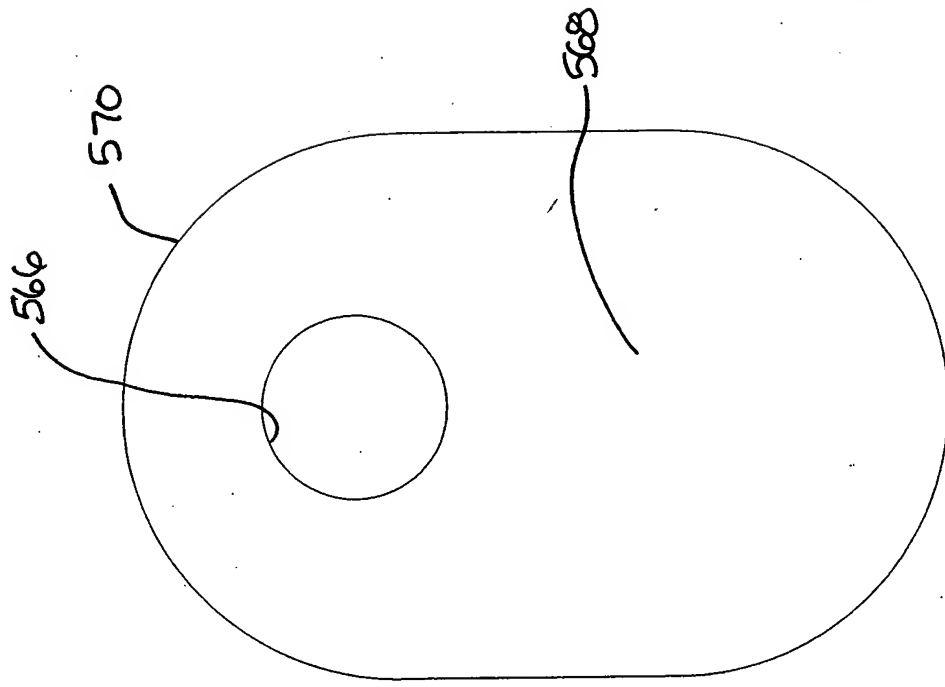


FIG. 70

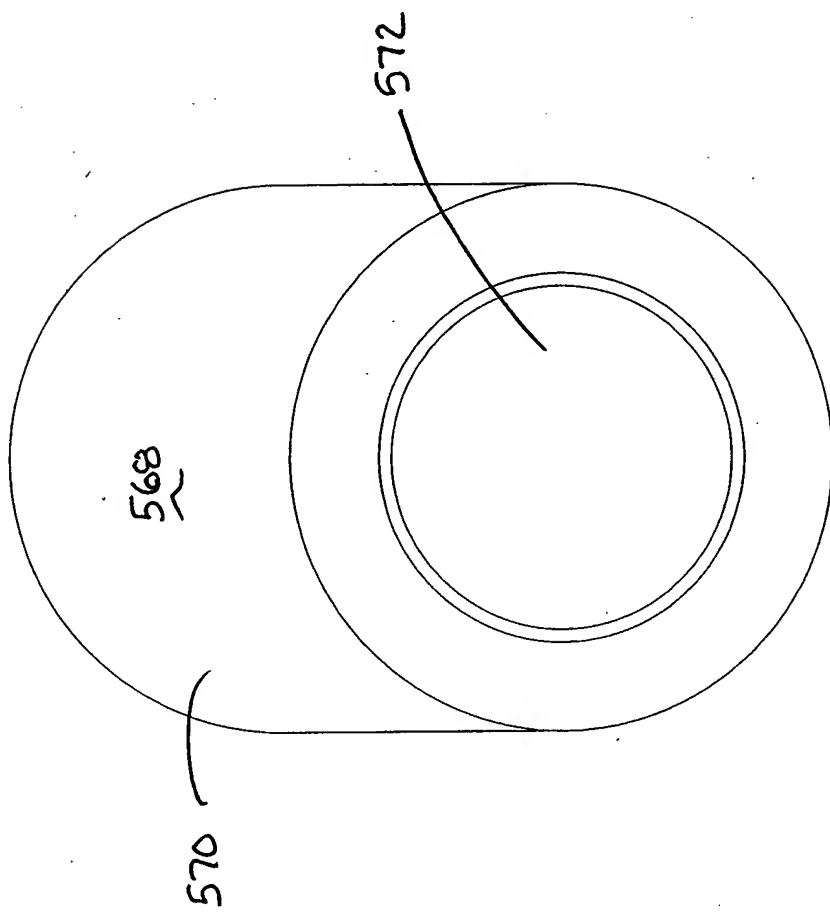
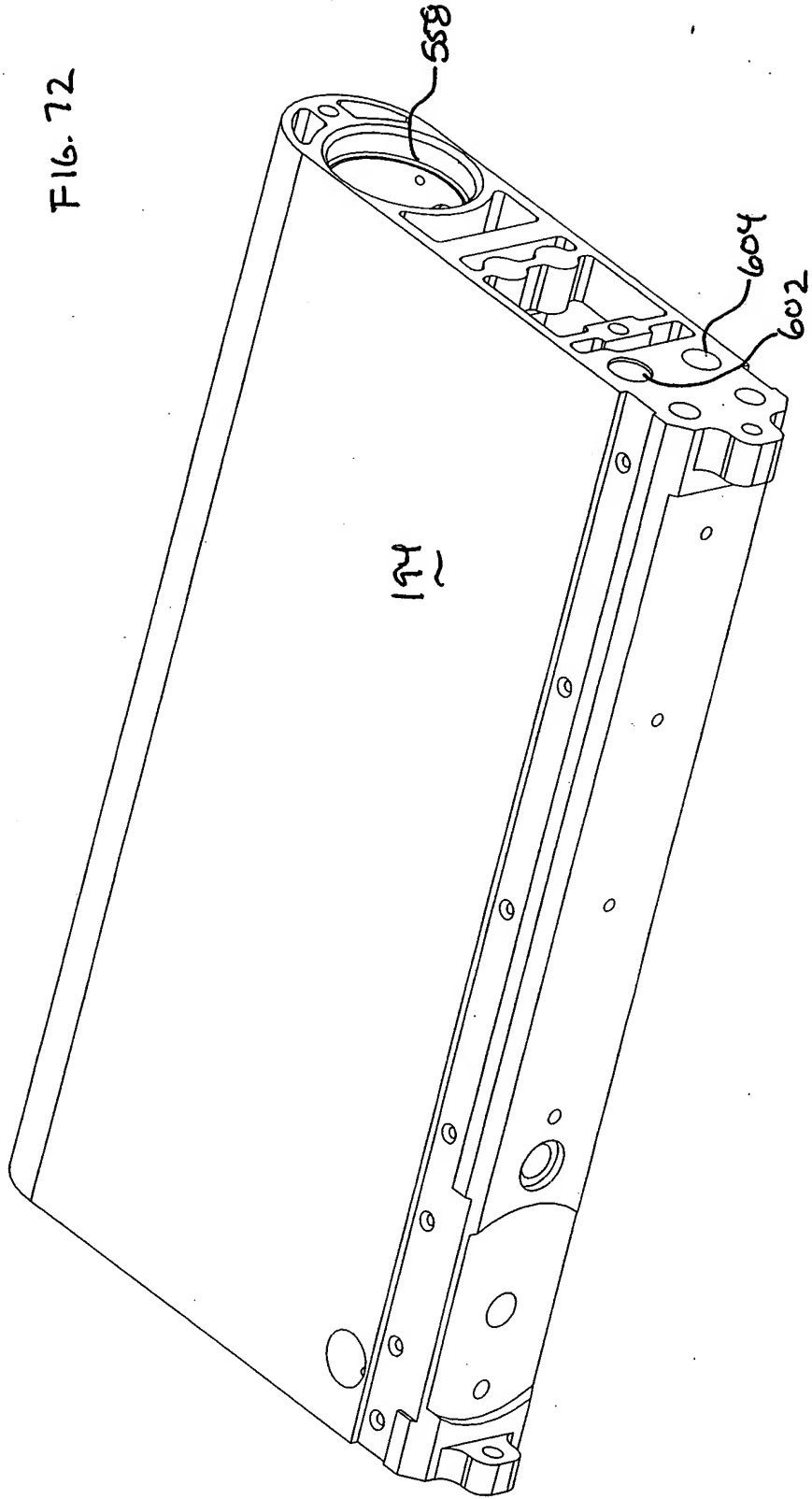
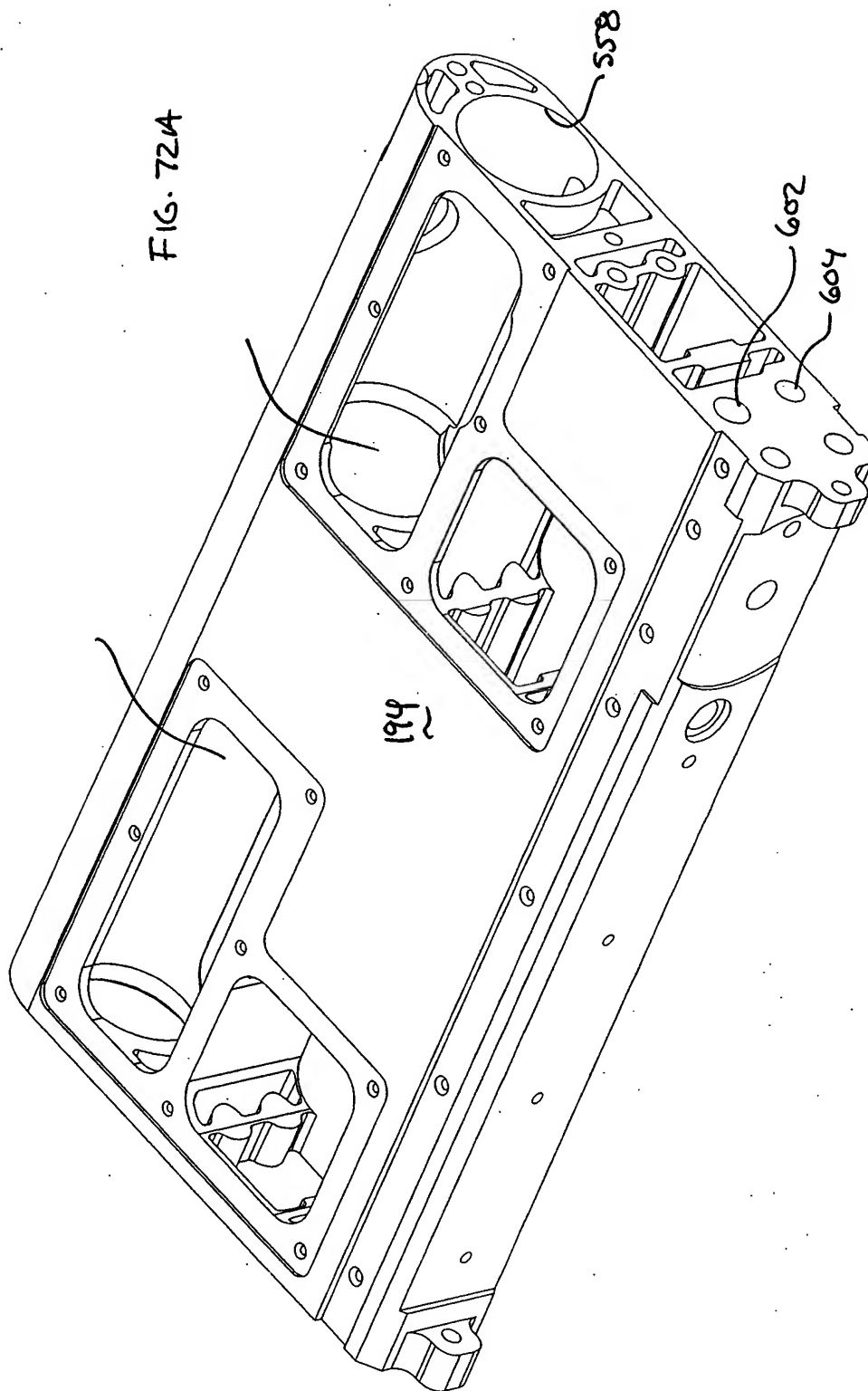


FIG. 71

FIG. 72





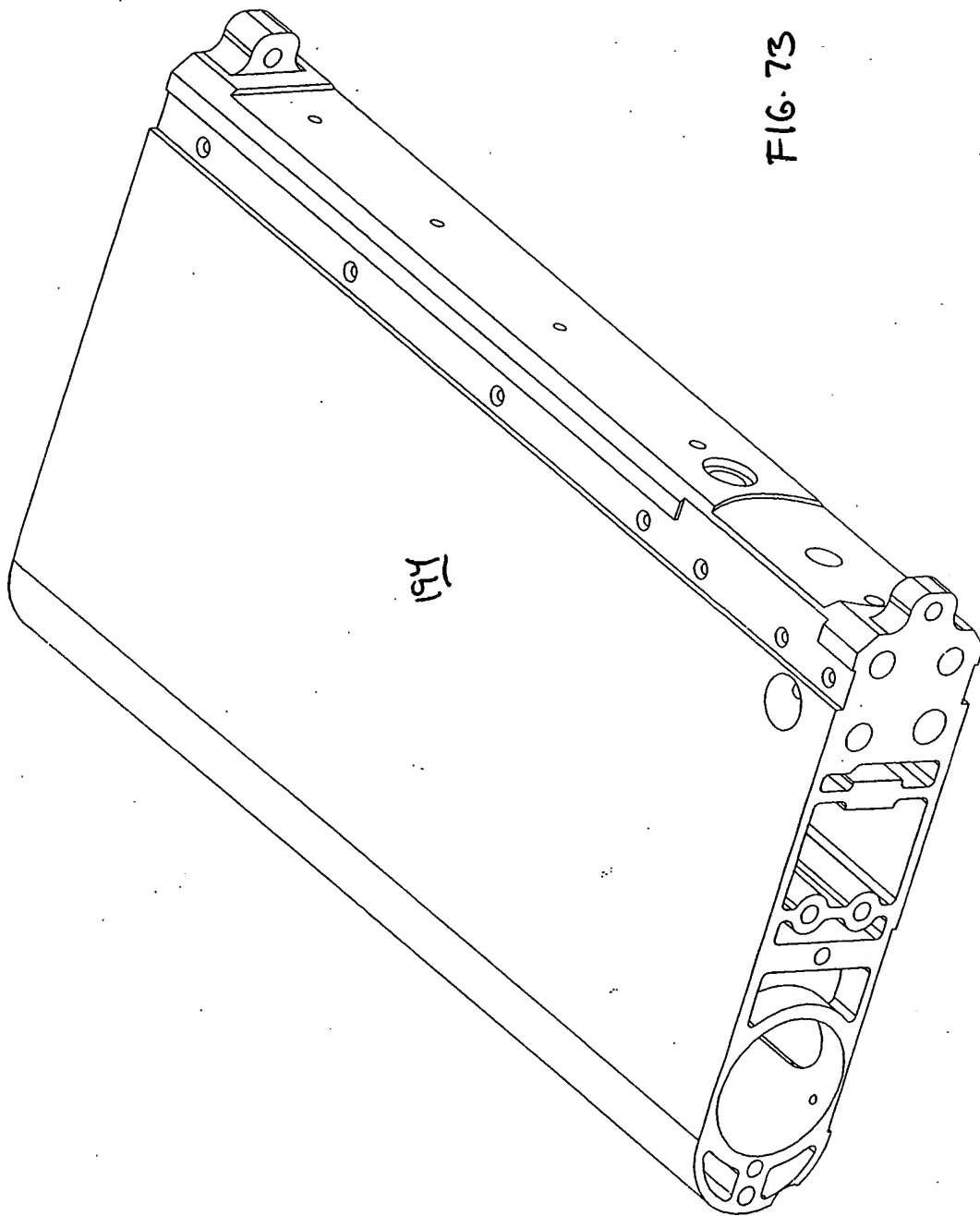


FIG. 73

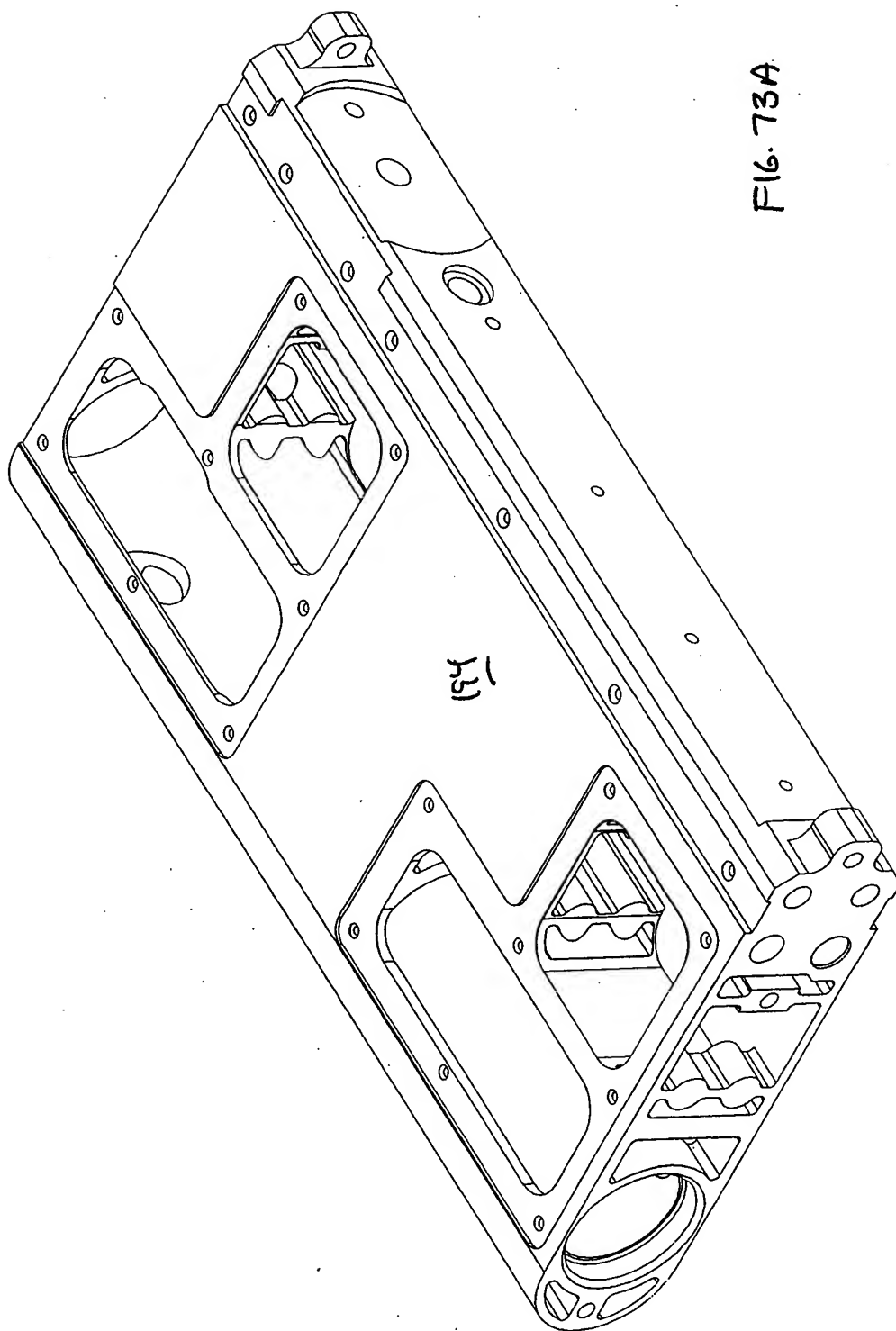


FIG. 73A

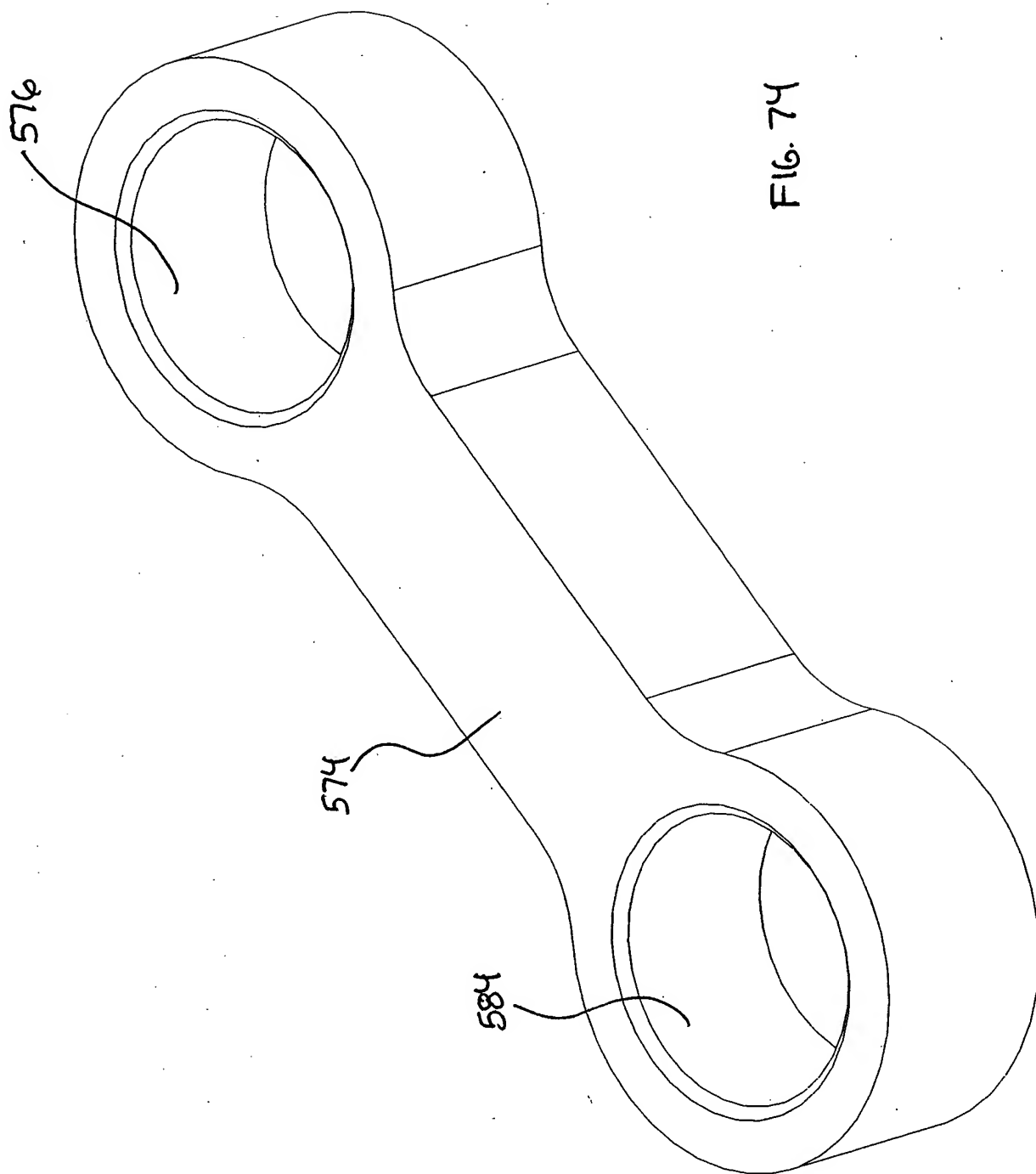
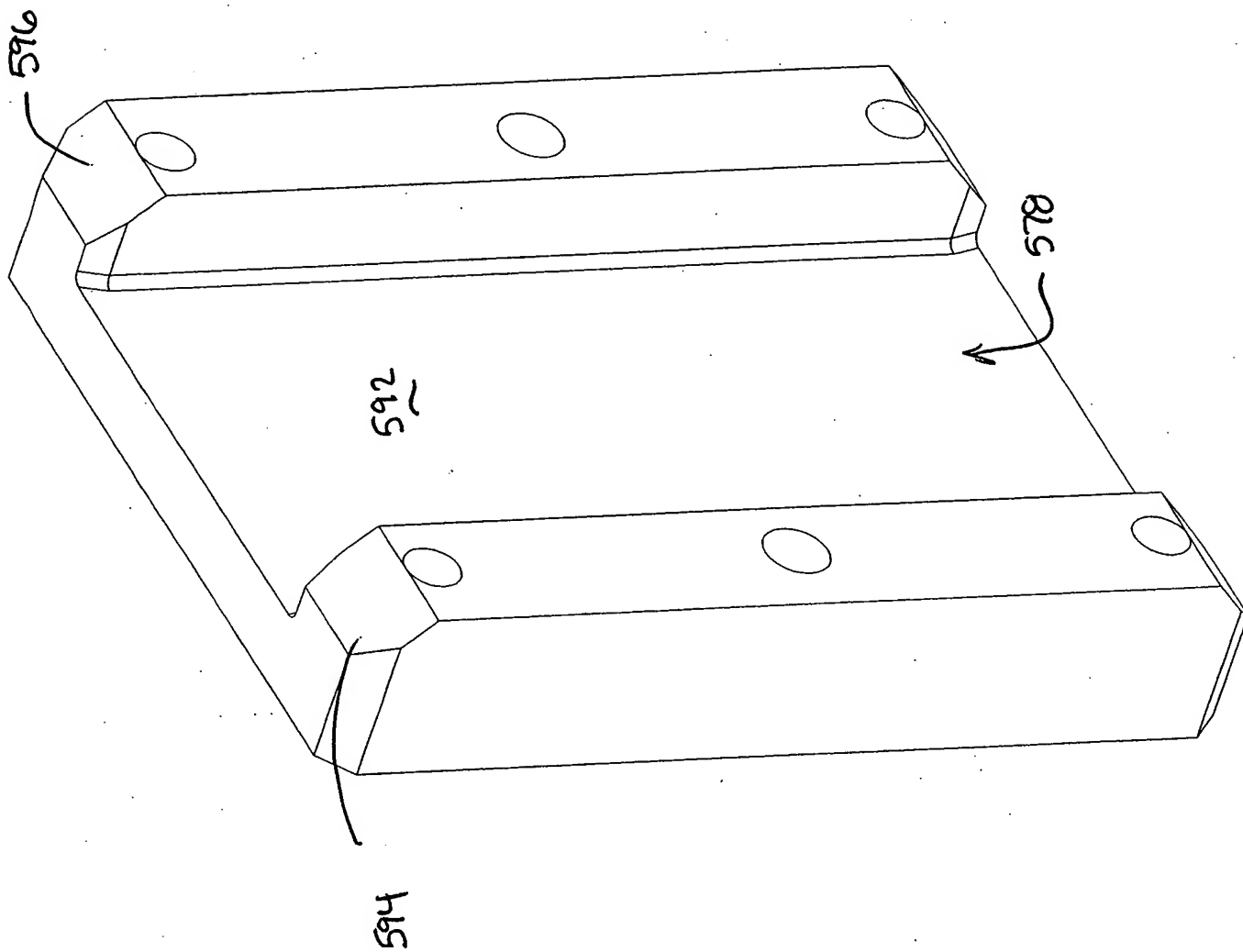


FIG. 74

FIG 75



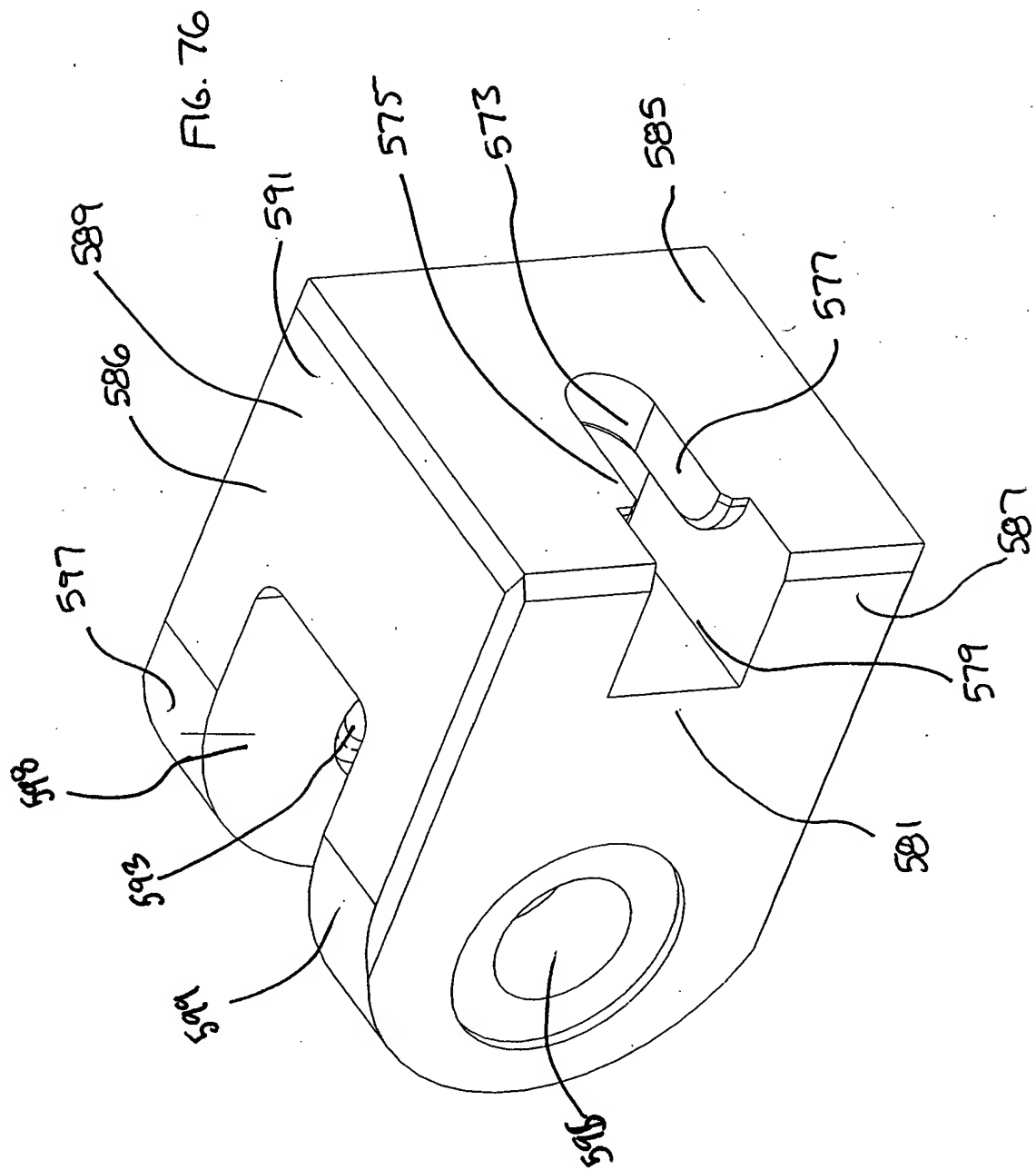


FIG. 77

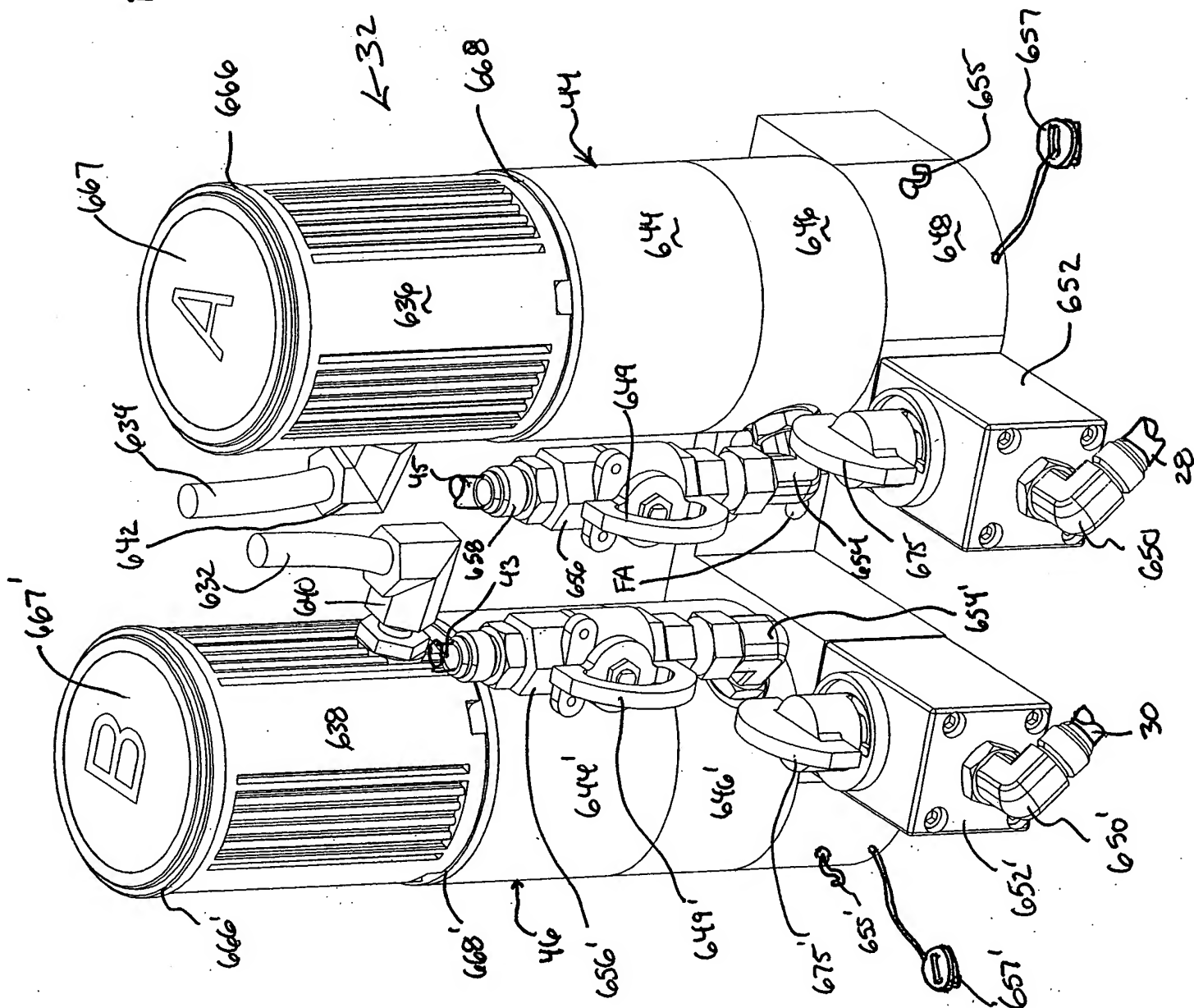
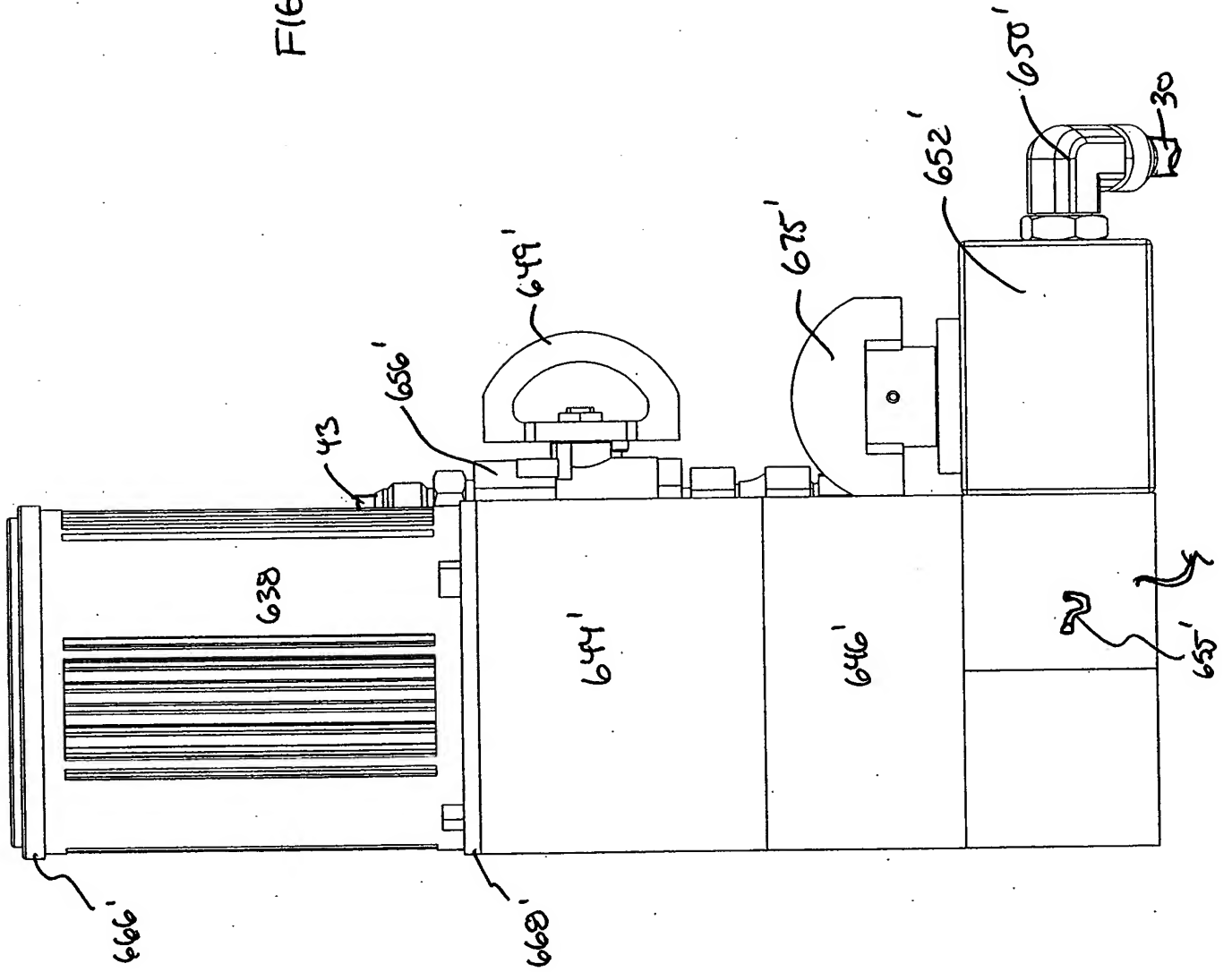


FIG. 77A



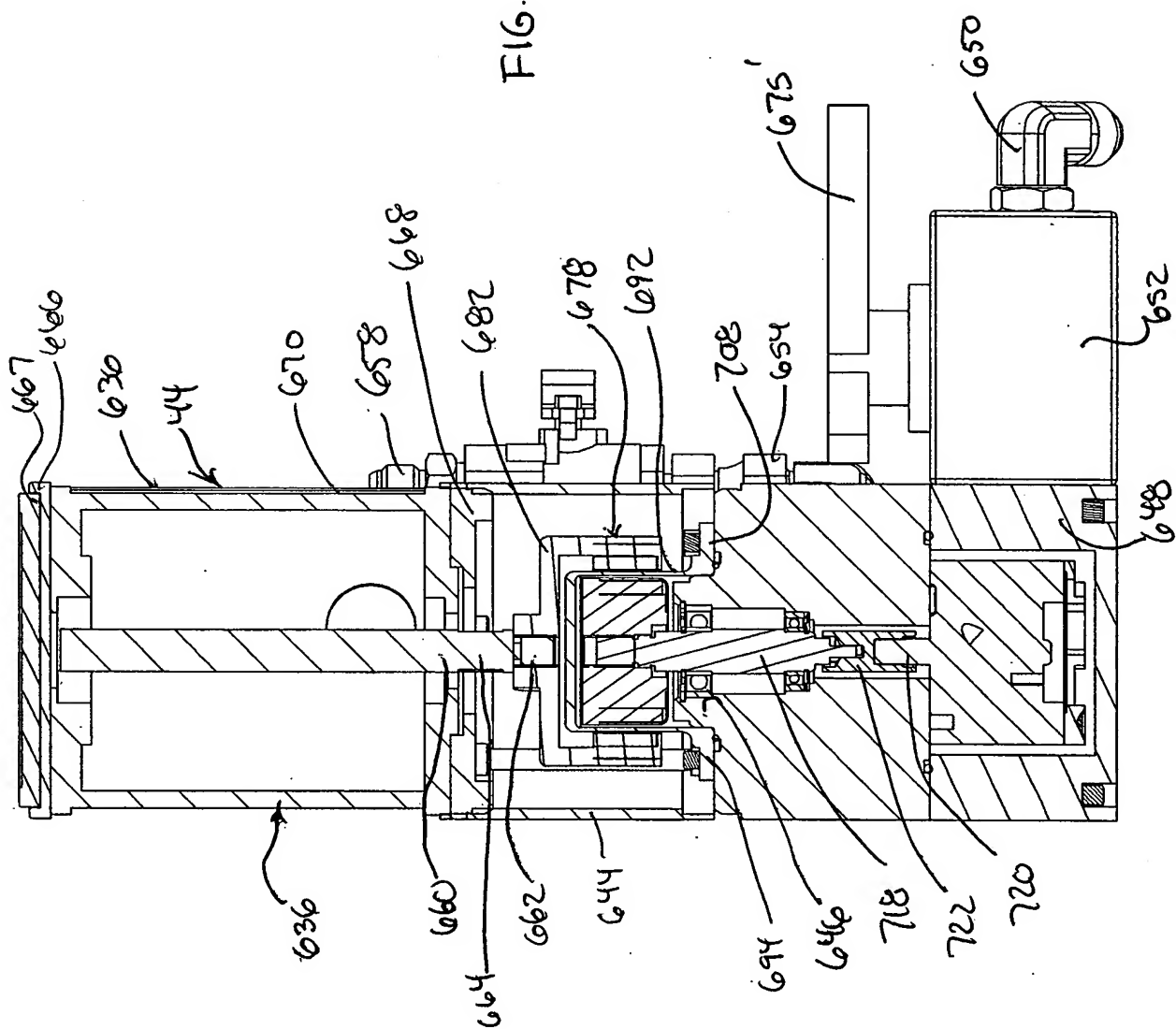


FIG. 78

FIG. 79

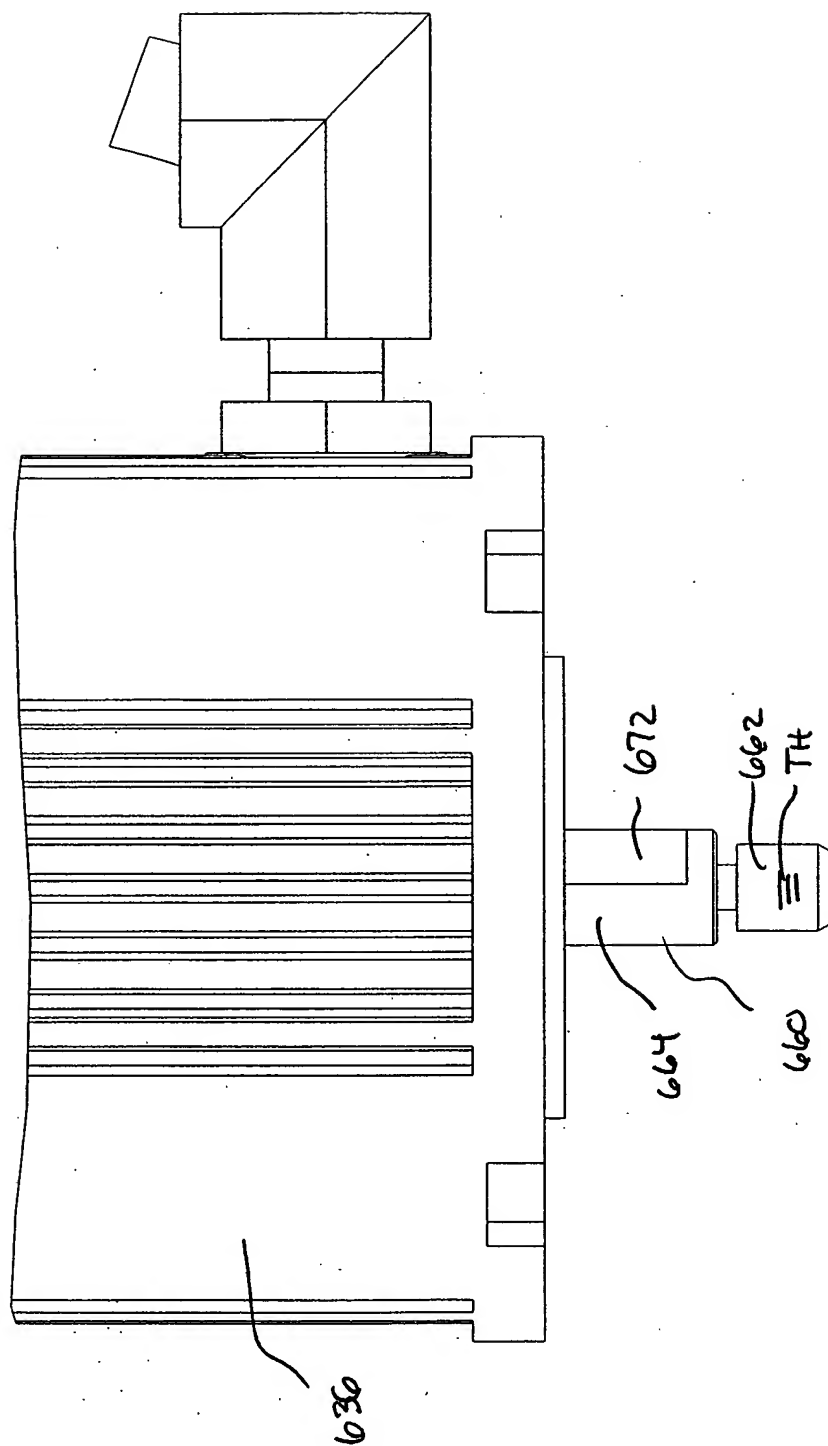
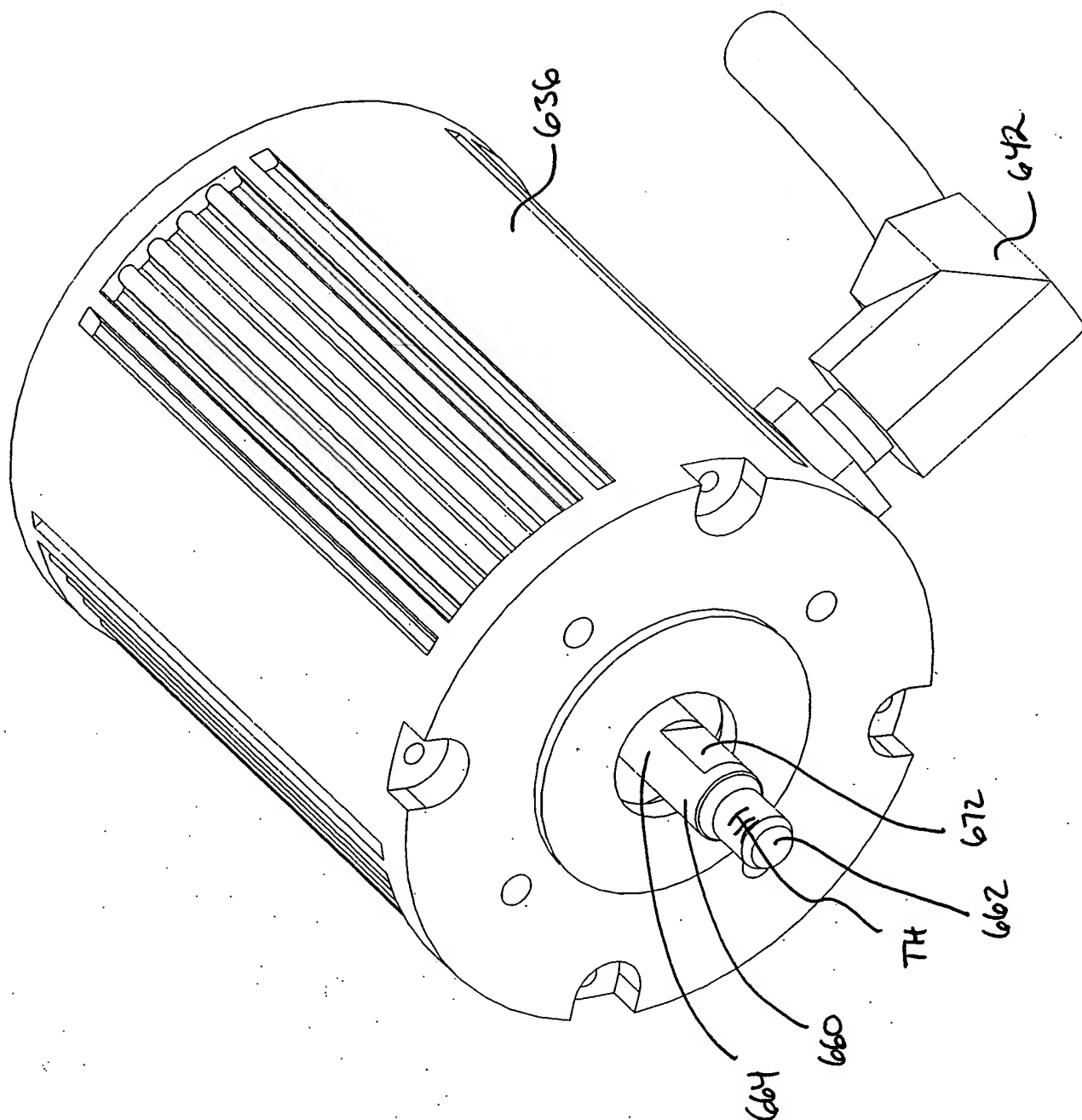
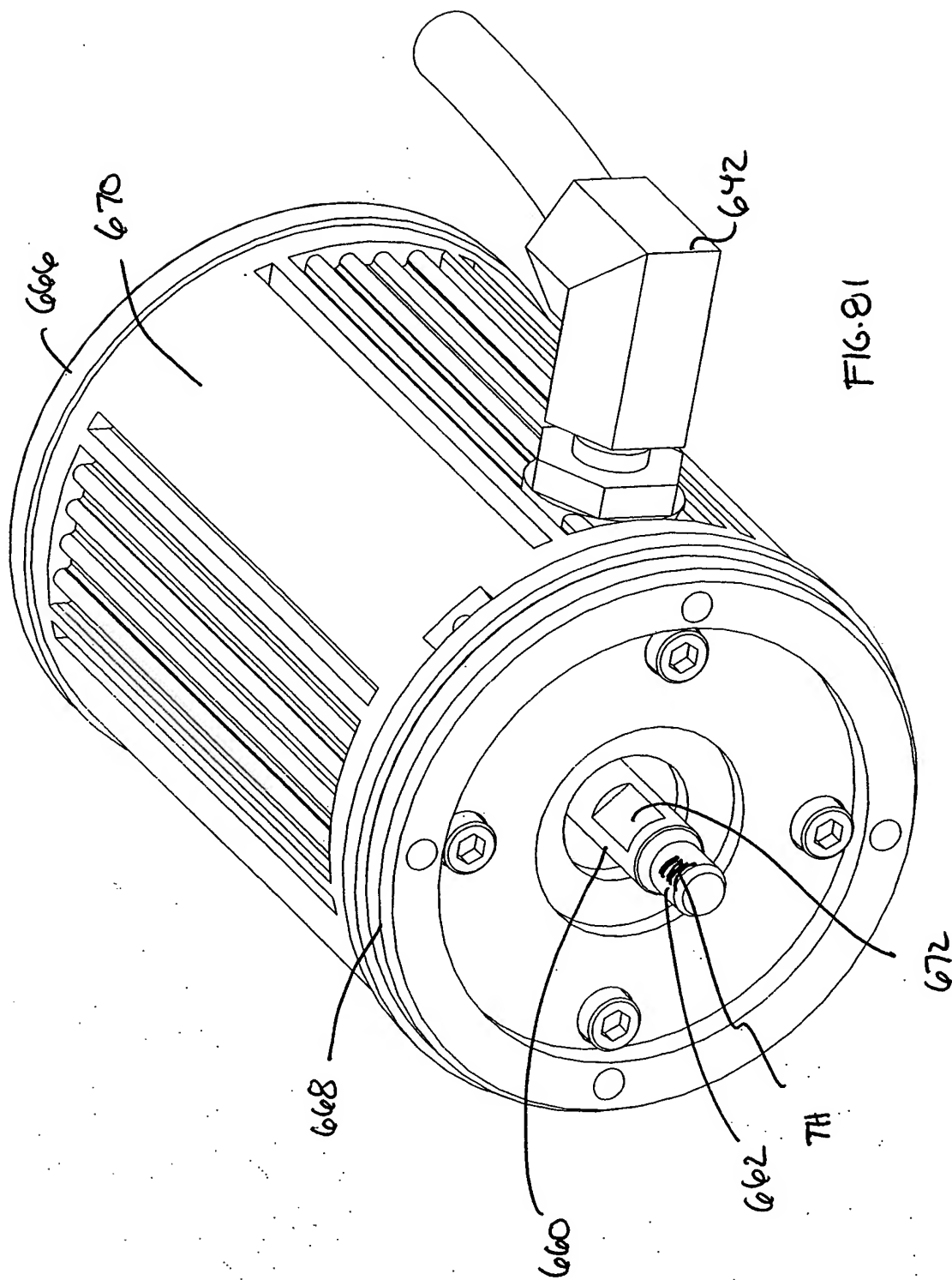


FIG. 80





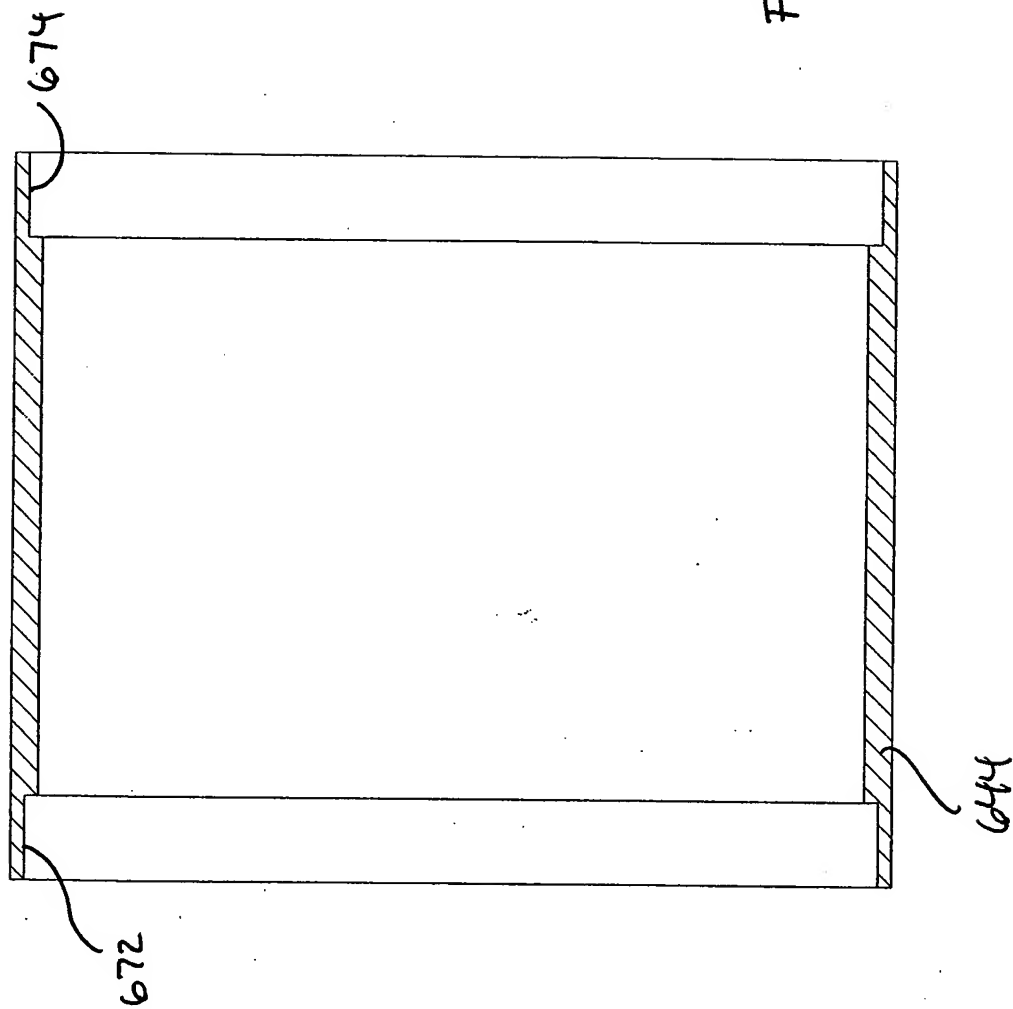
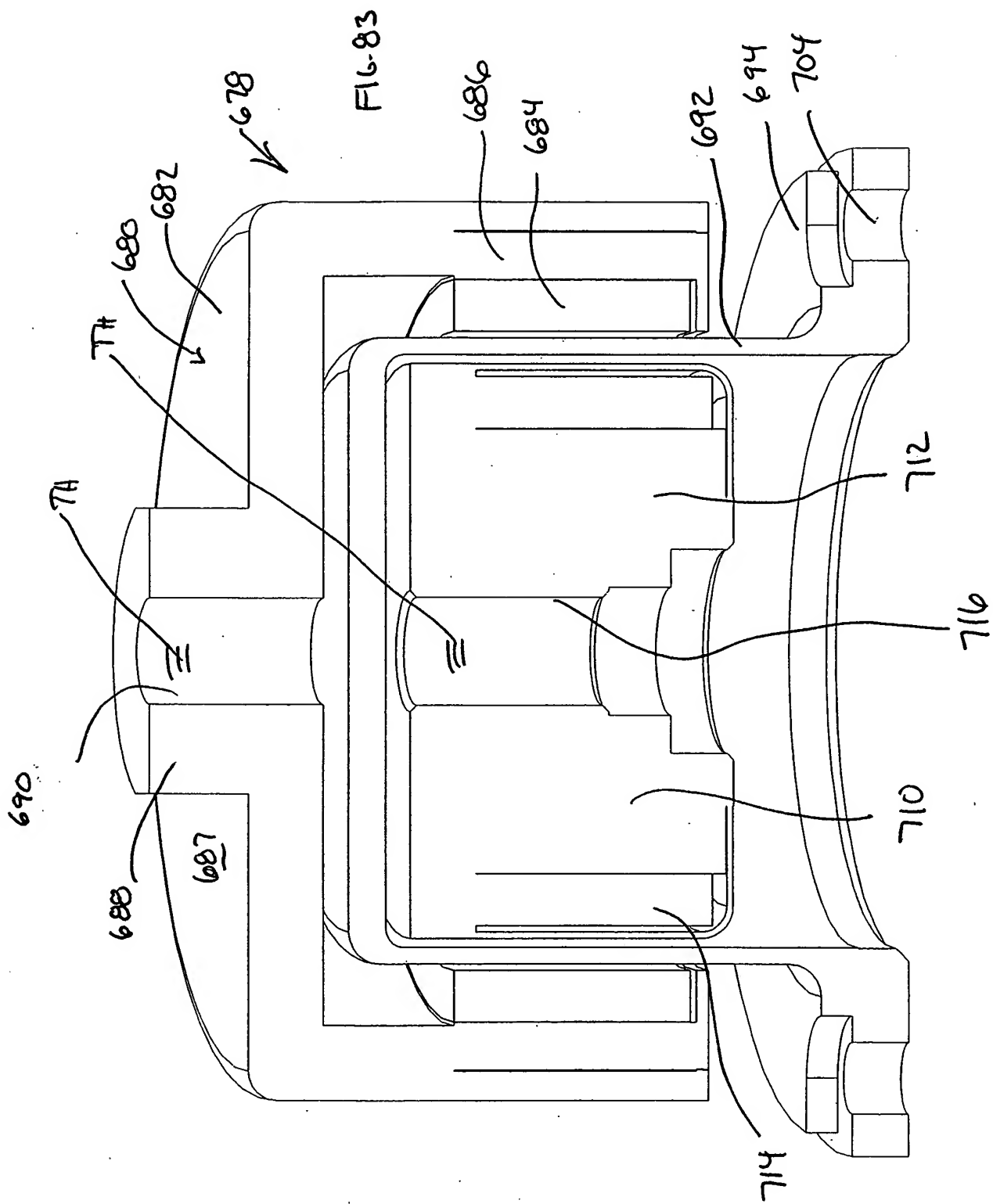


FIG. 82



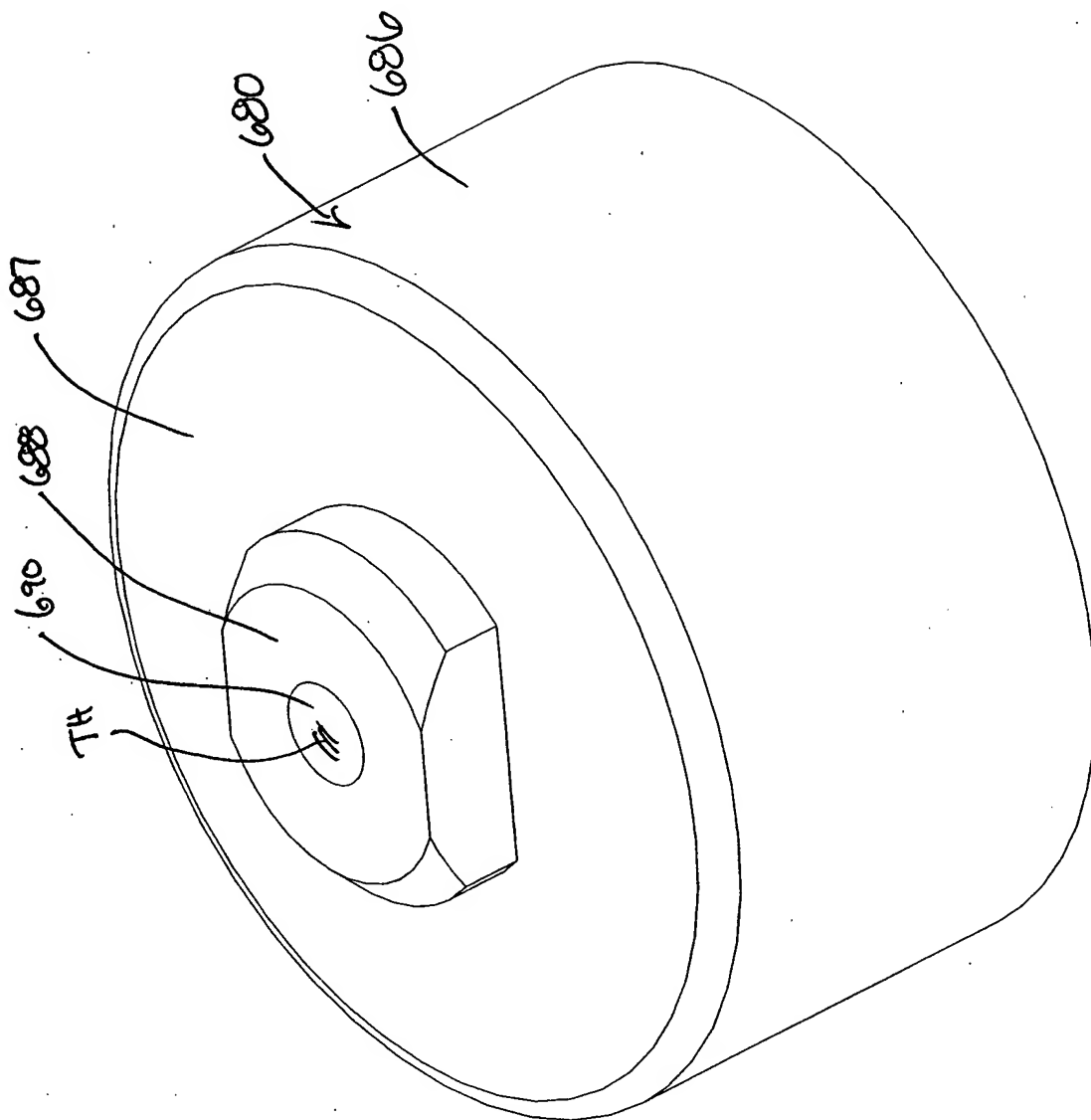


FIG. 84

FIG. 85

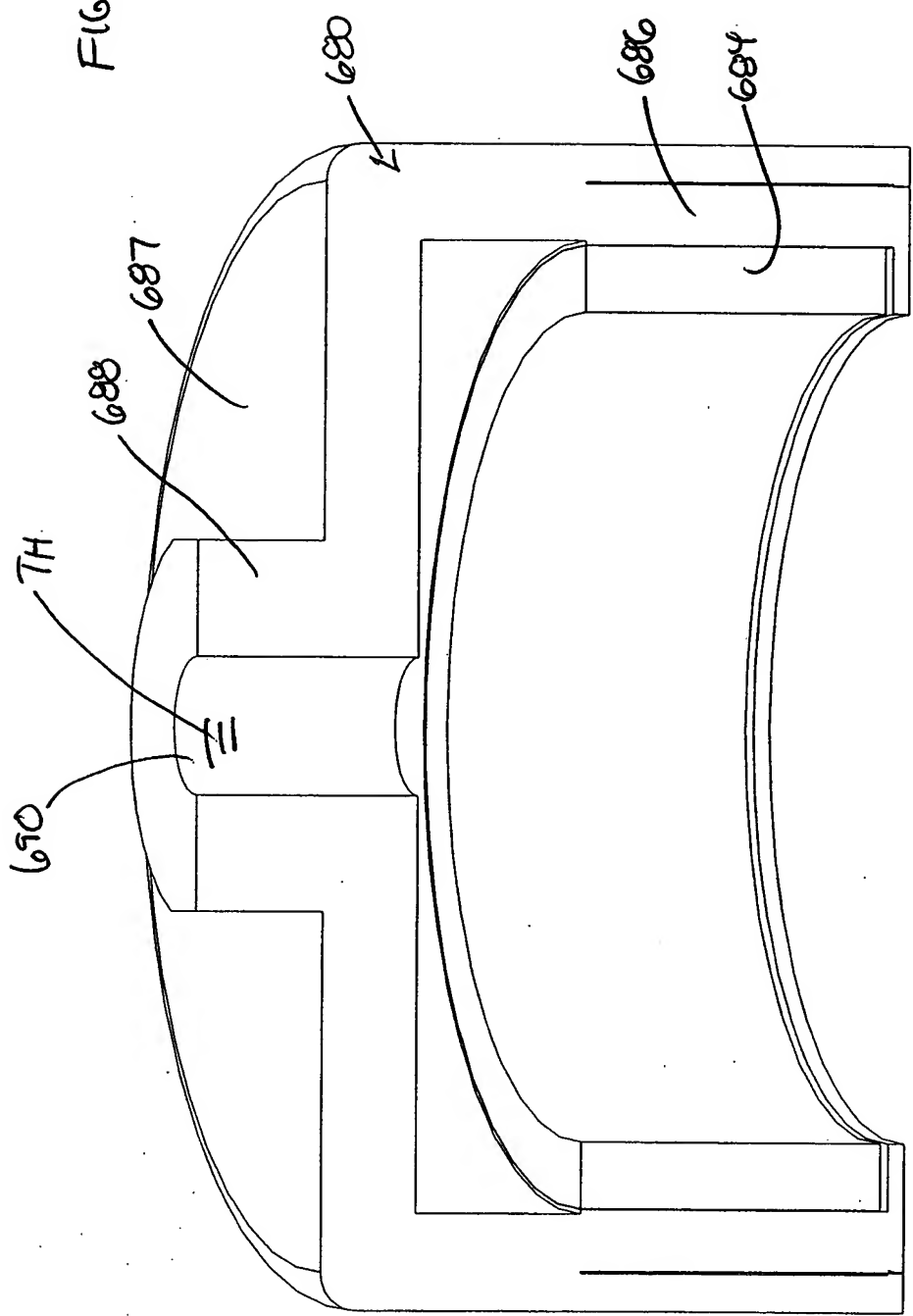


FIG. 86

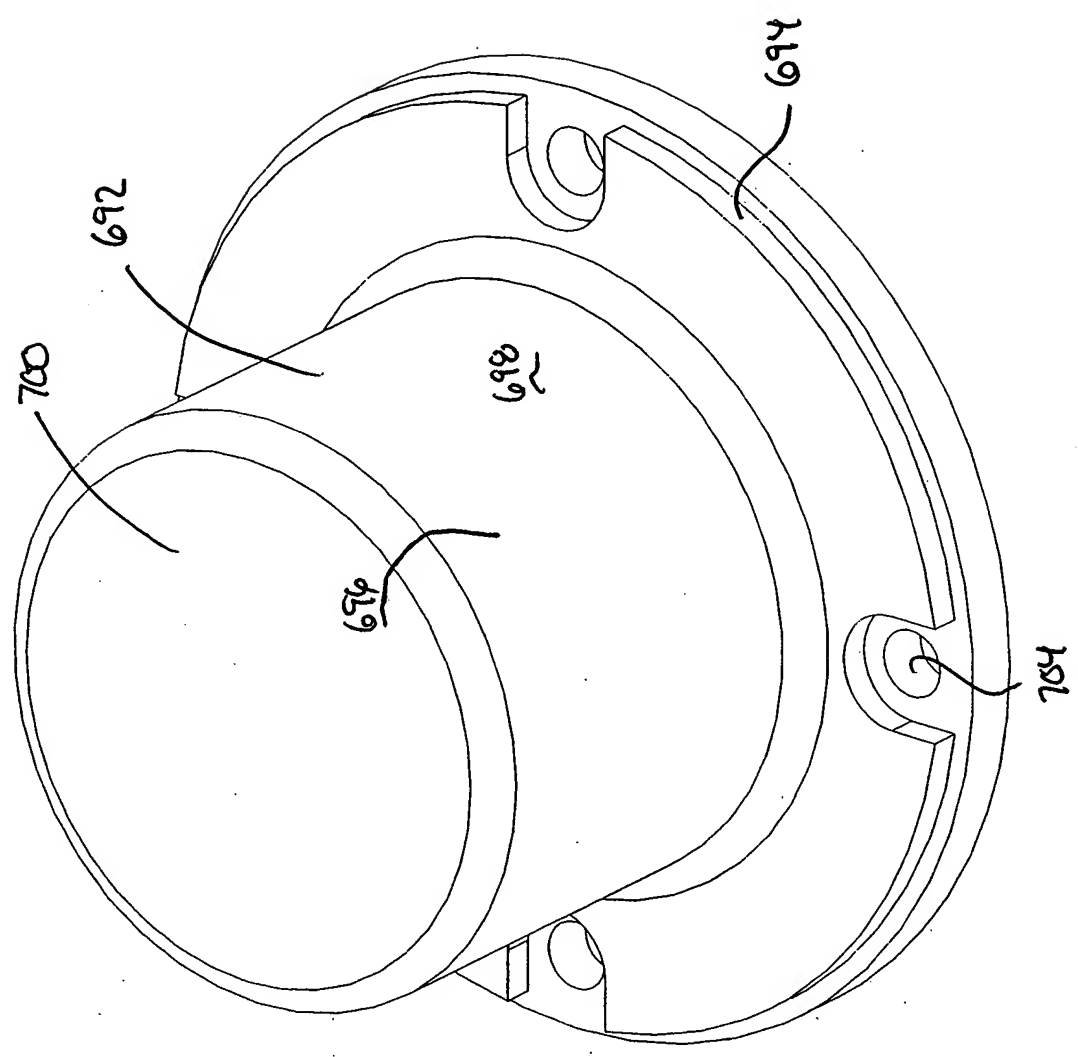
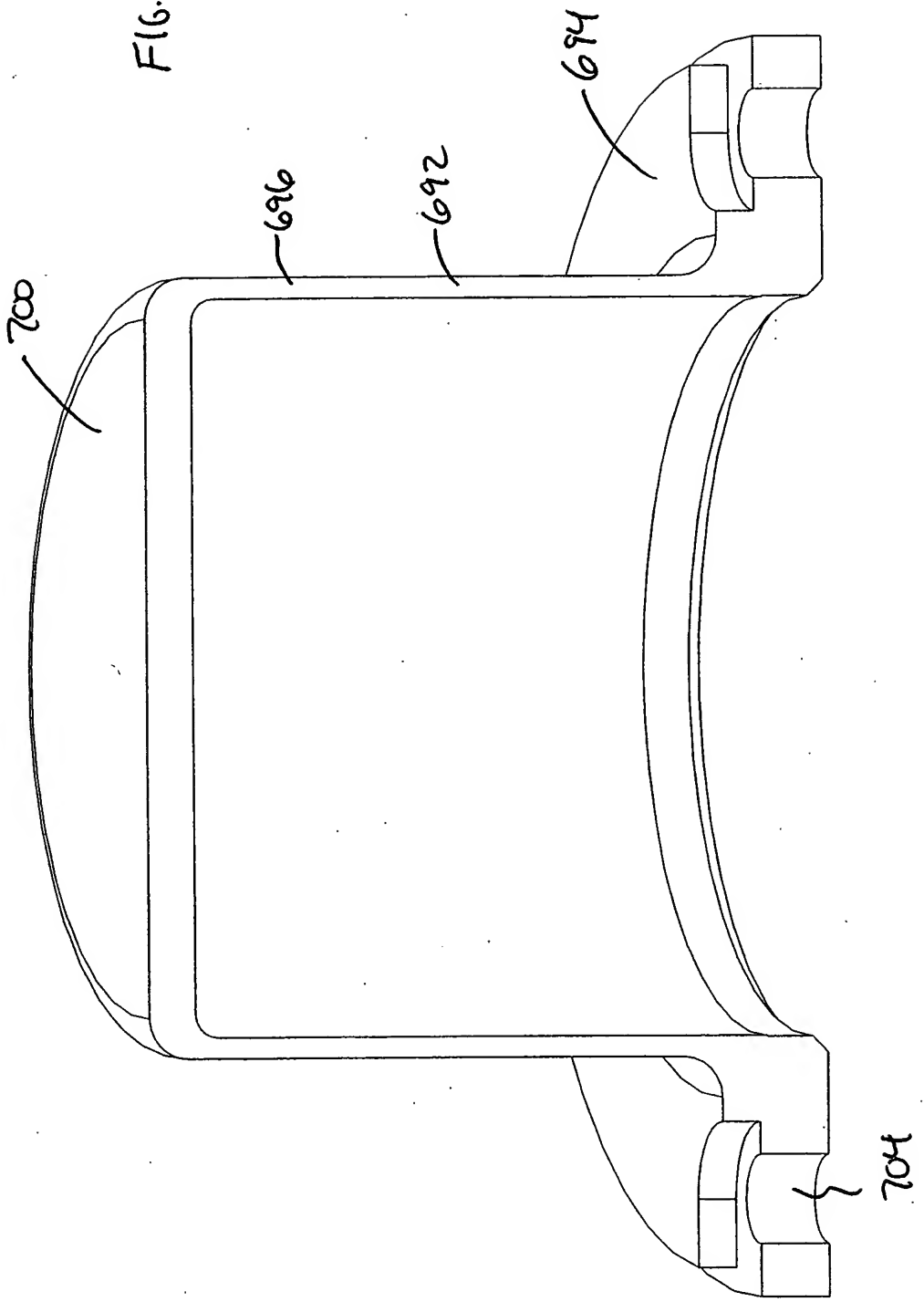


FIG. 87



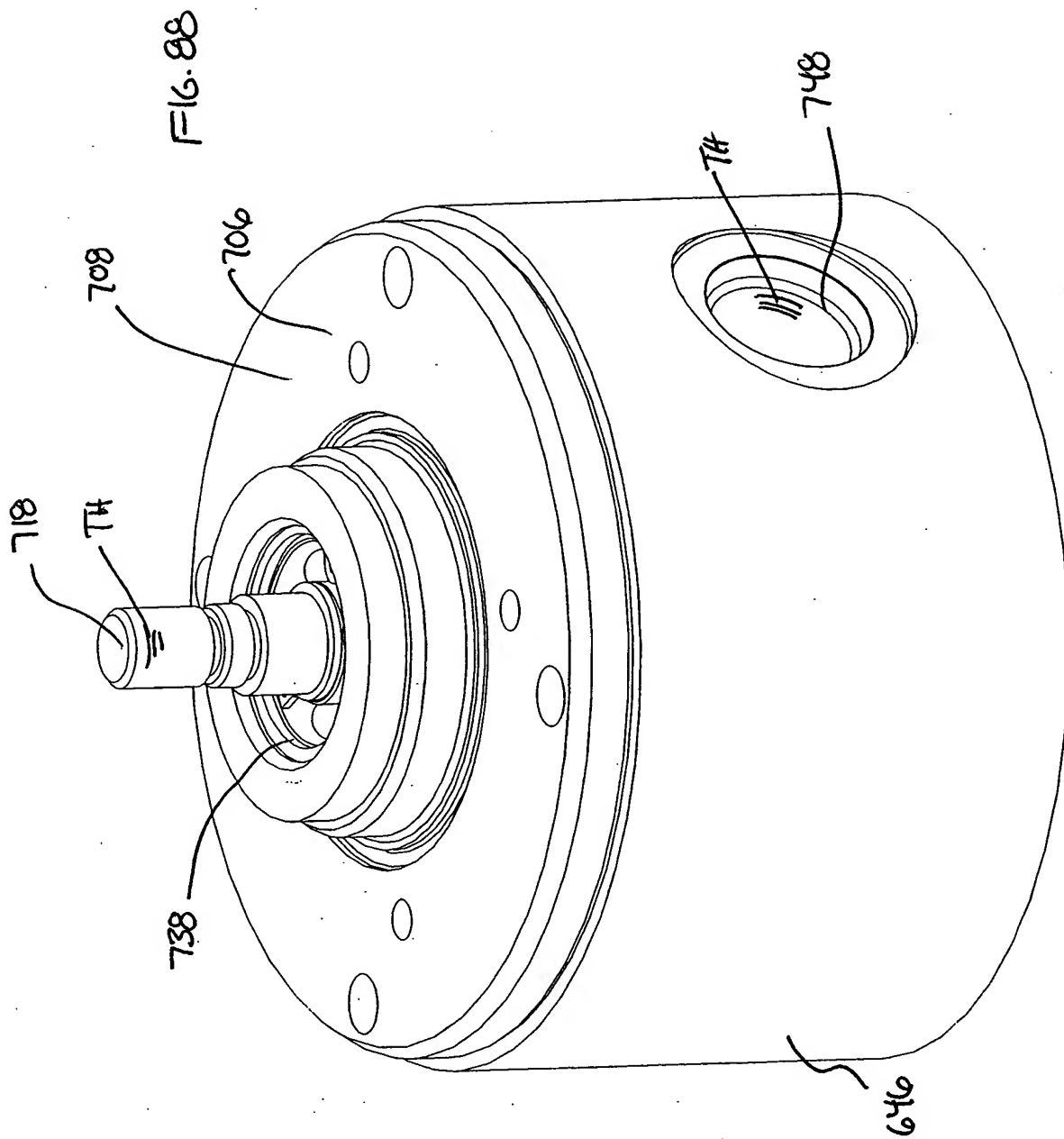
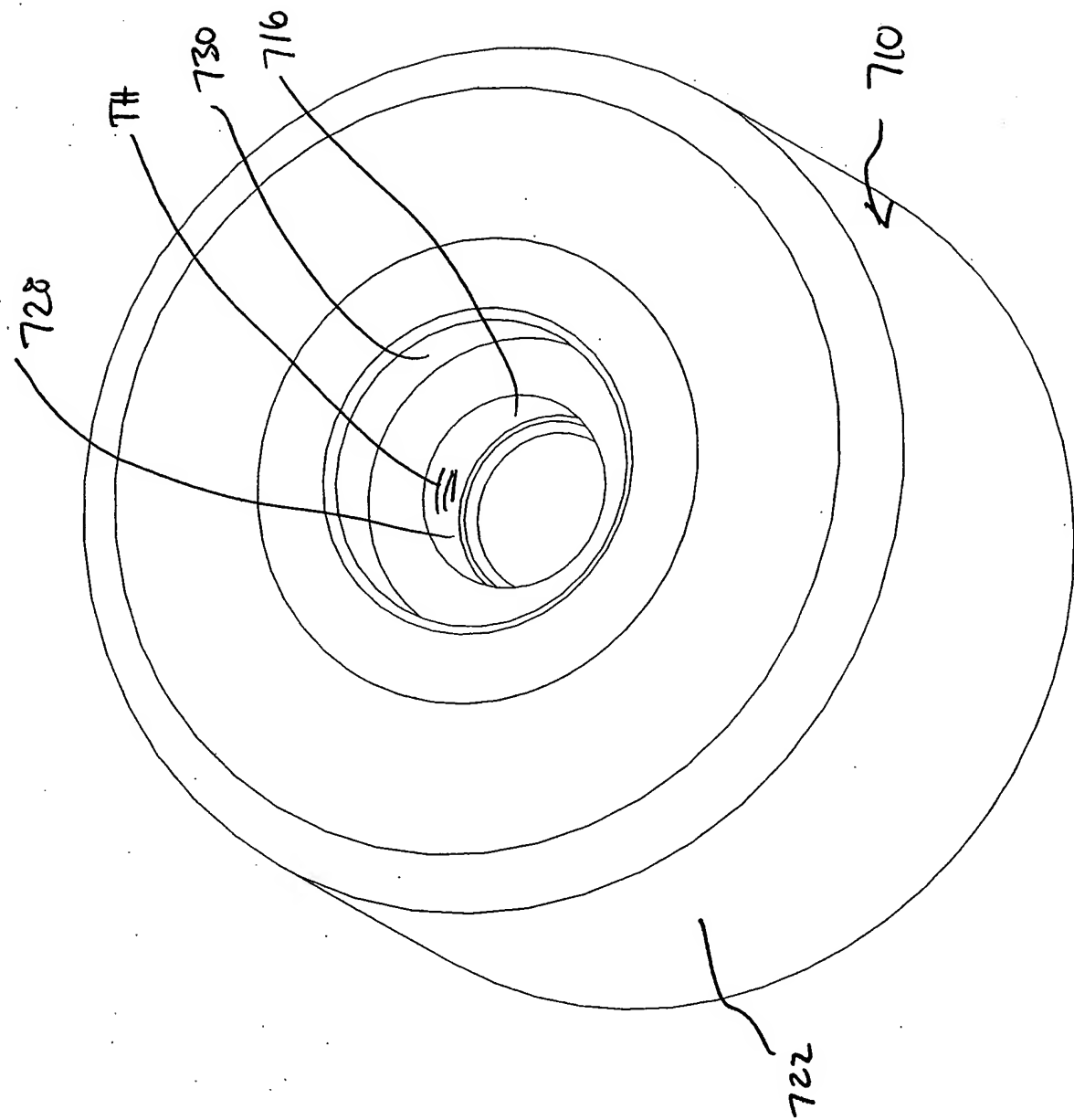


FIG. 89A



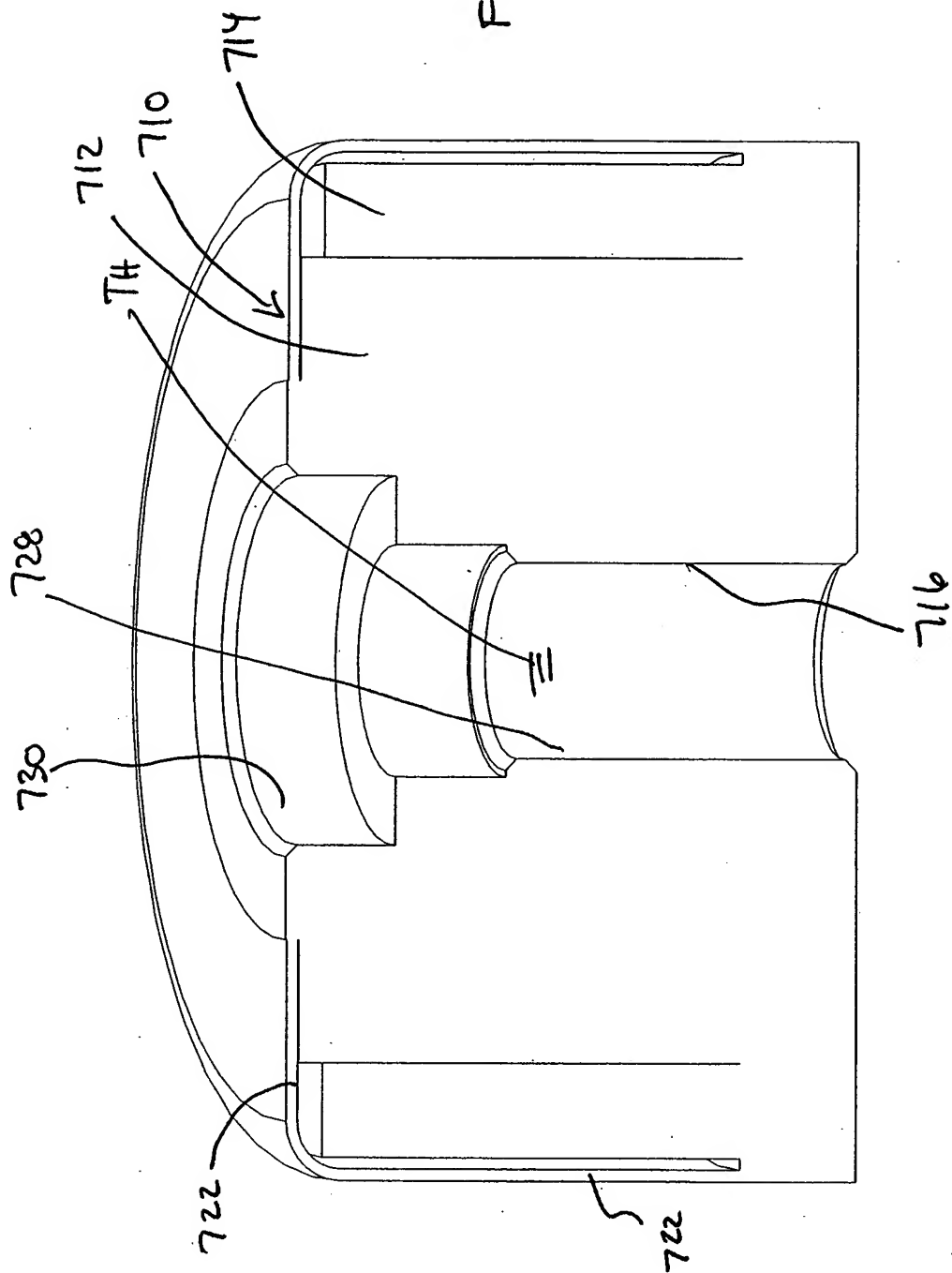
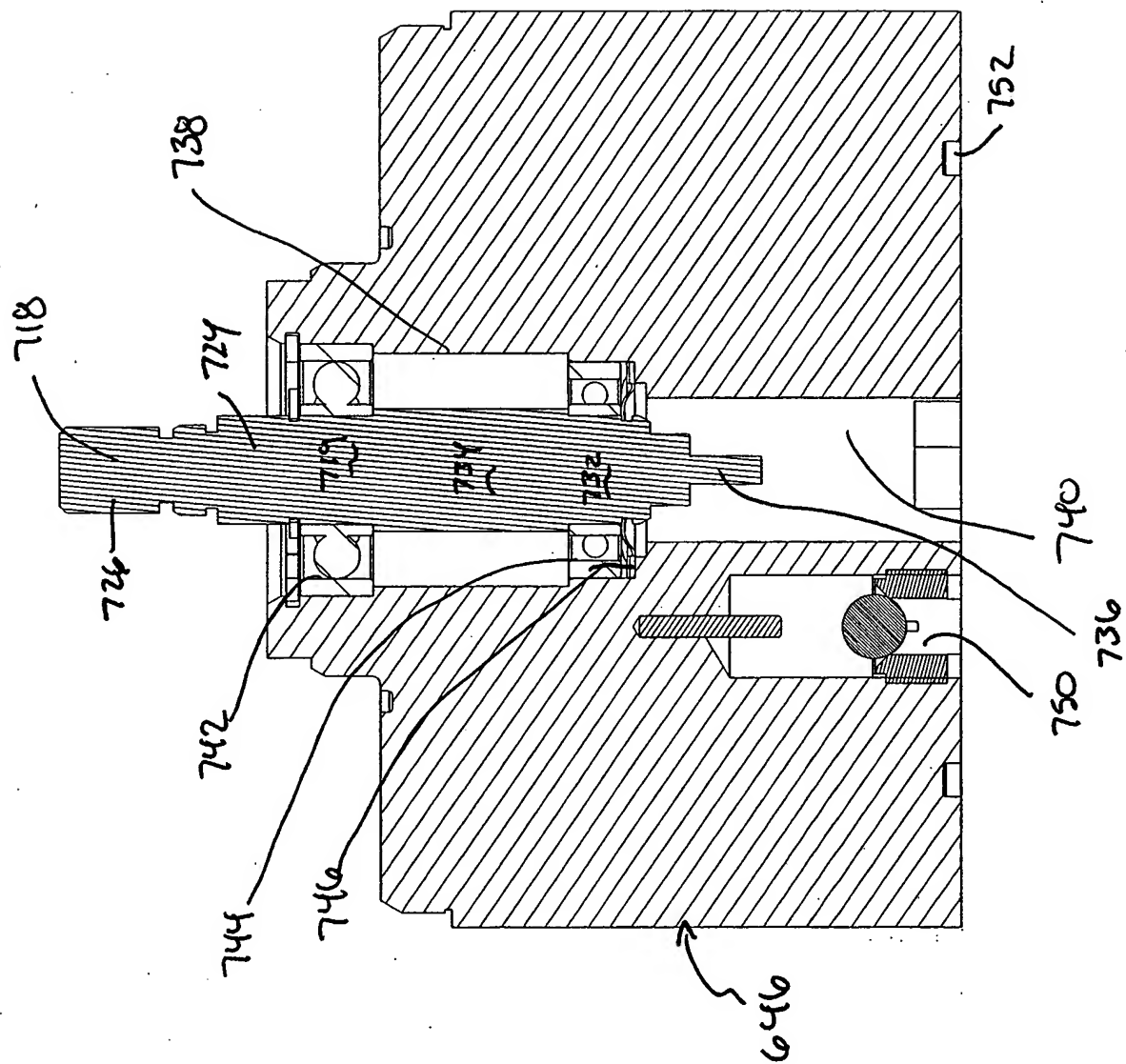


FIG 99B

FIG. 90



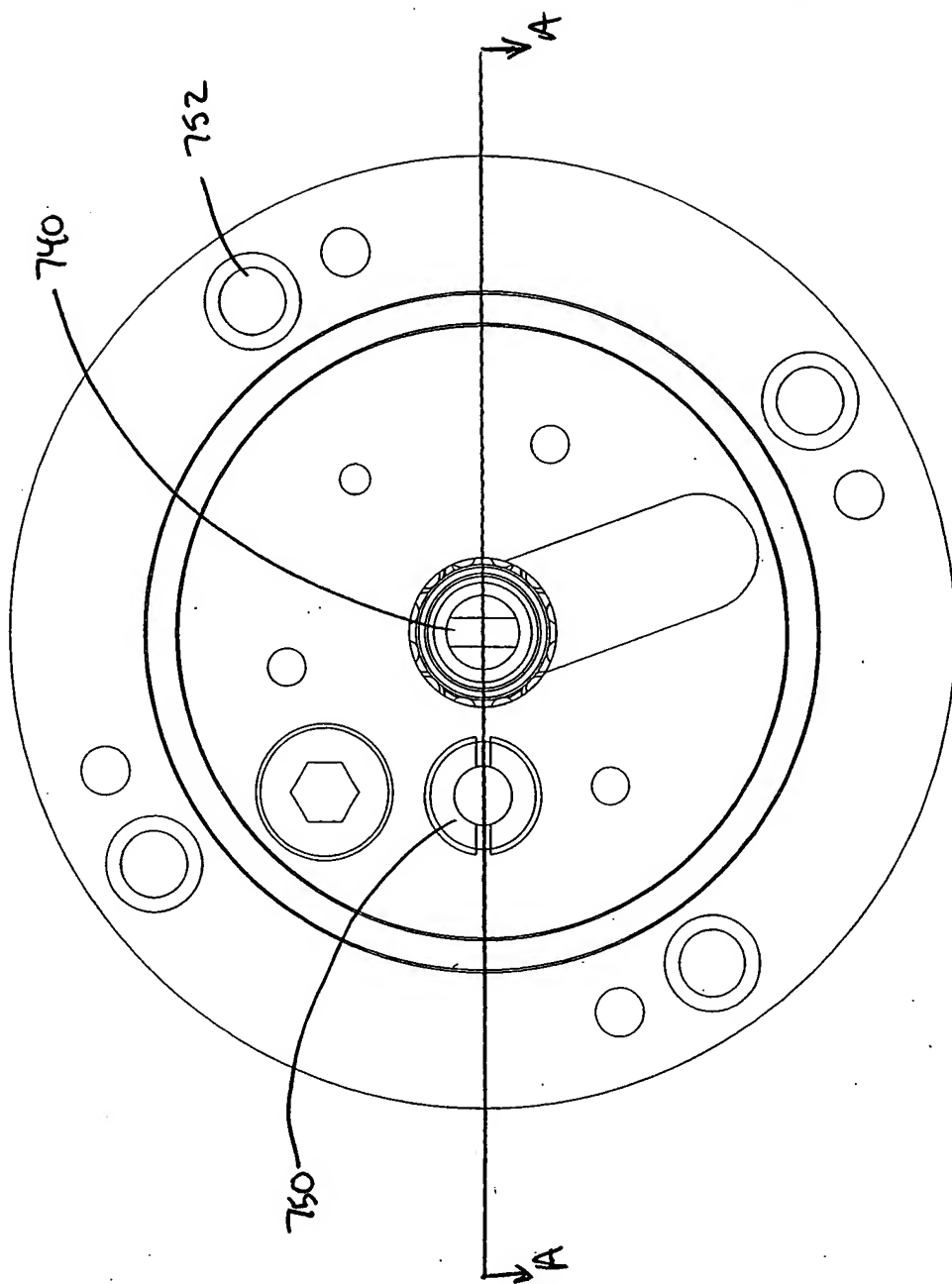
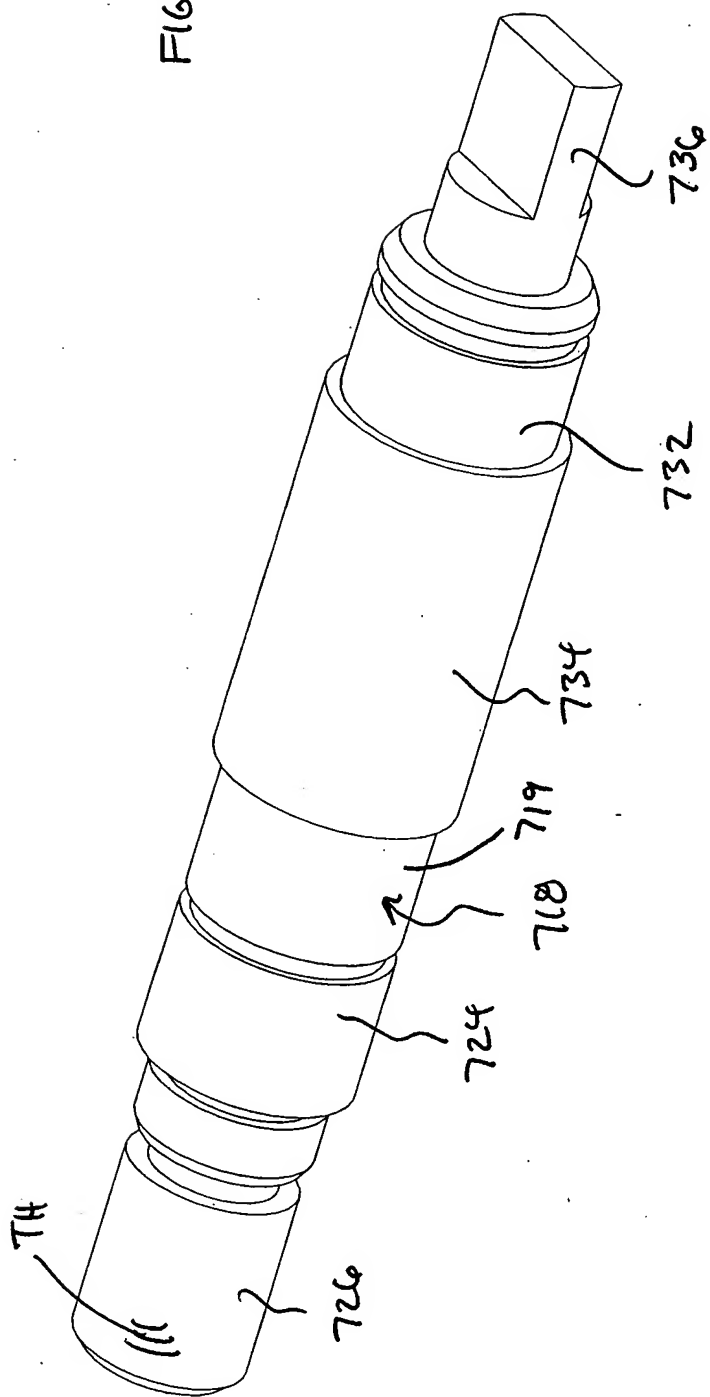


FIG. 91

FIG. 92



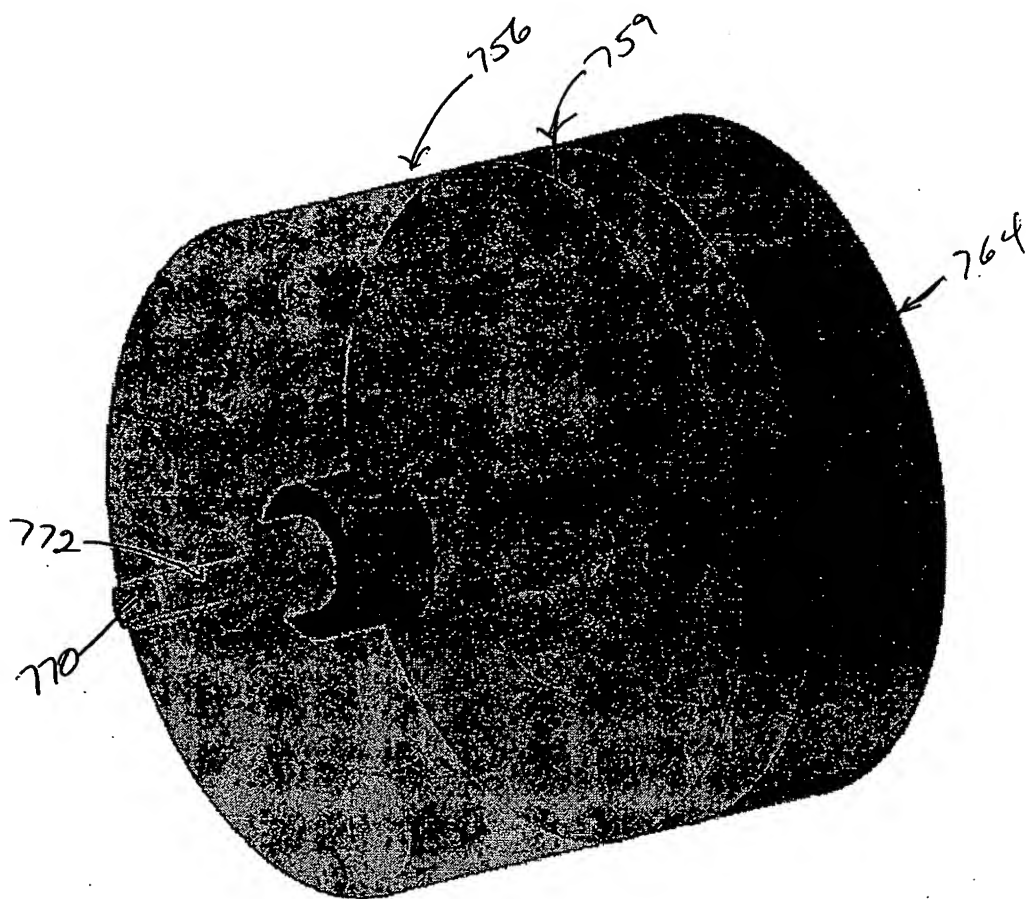


FIG. 93

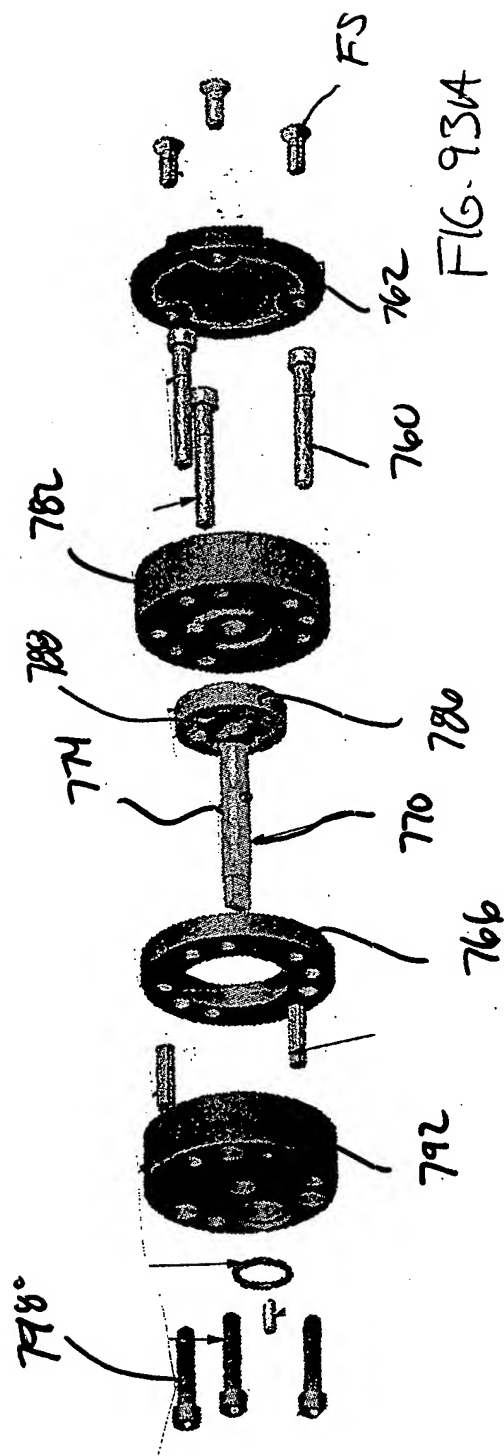
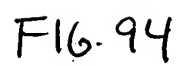


FIG. 93A



\_\_\_\_\_

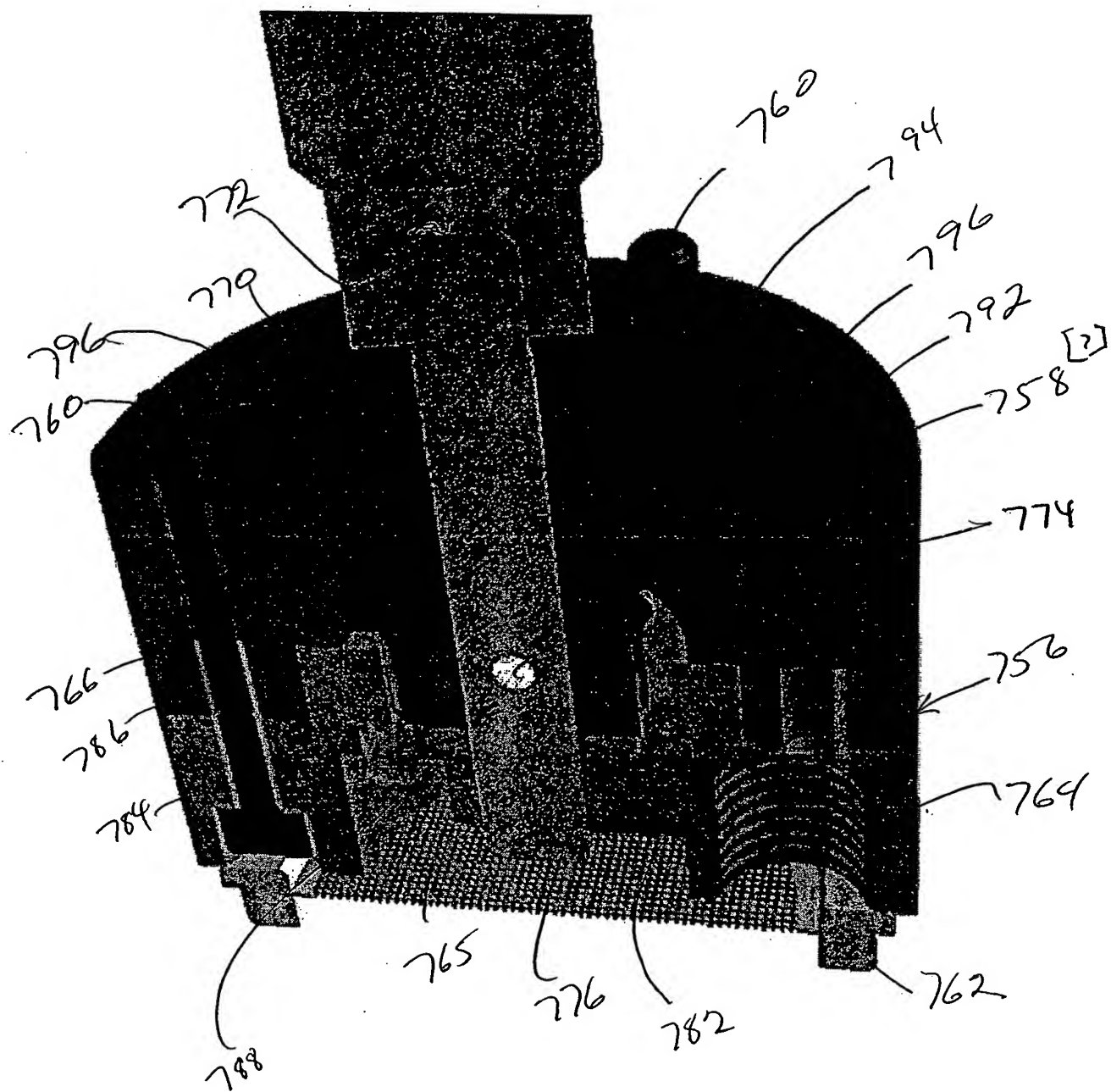
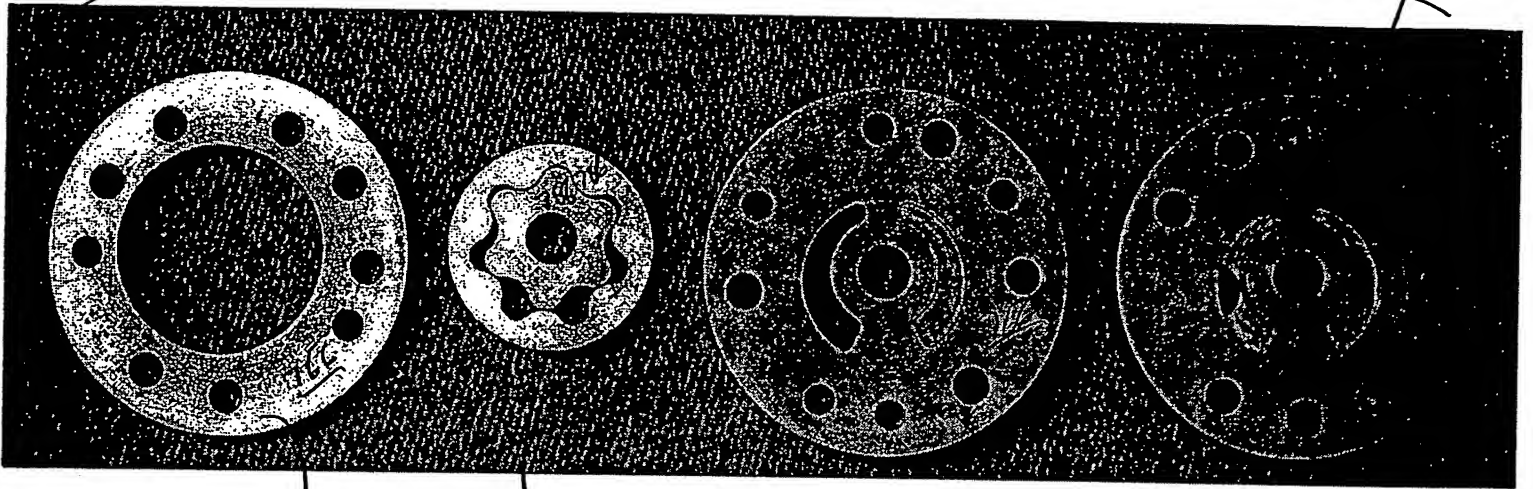


FIG. 95

FIG. 96

294



766

768

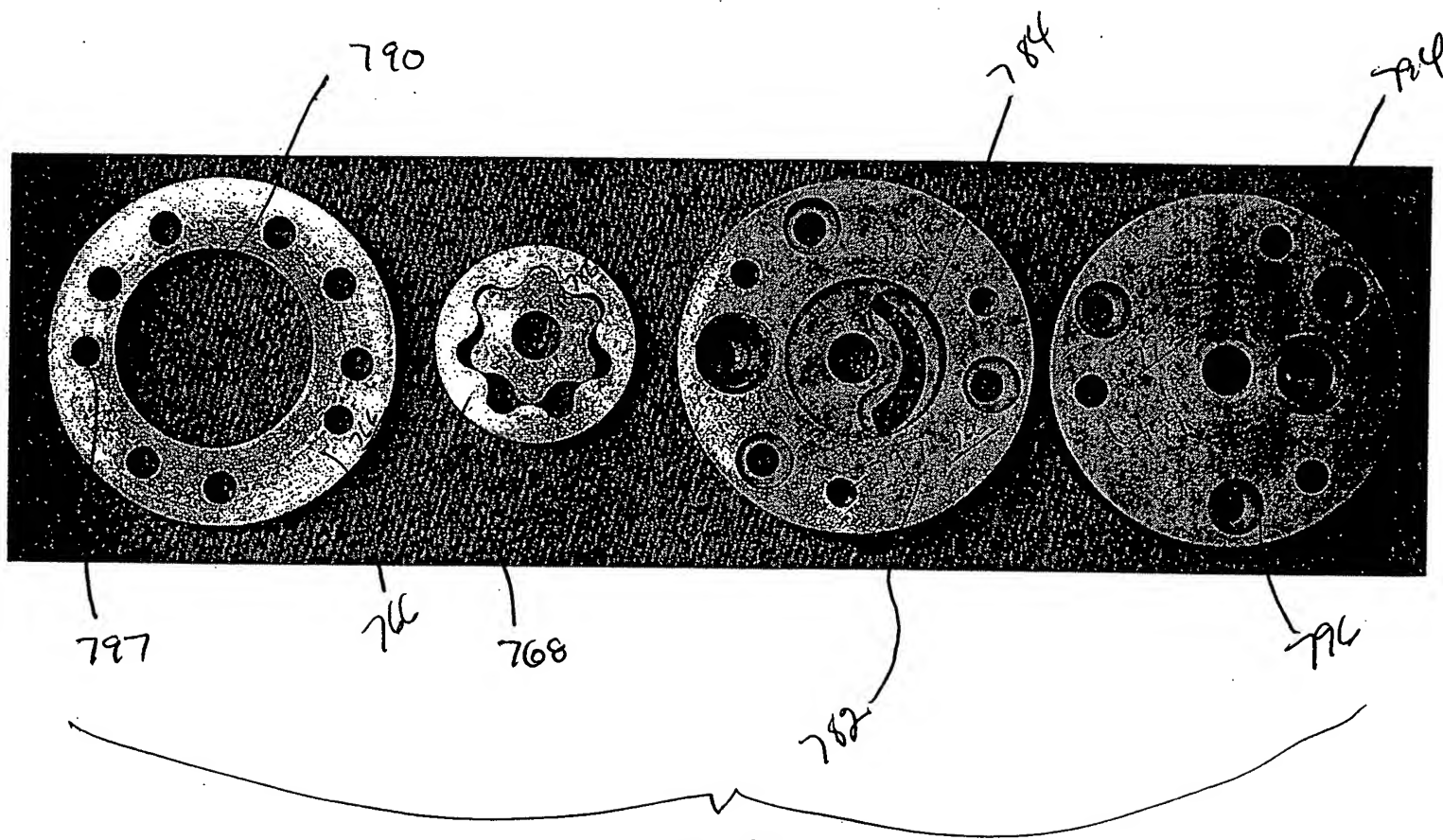


FIG. 97

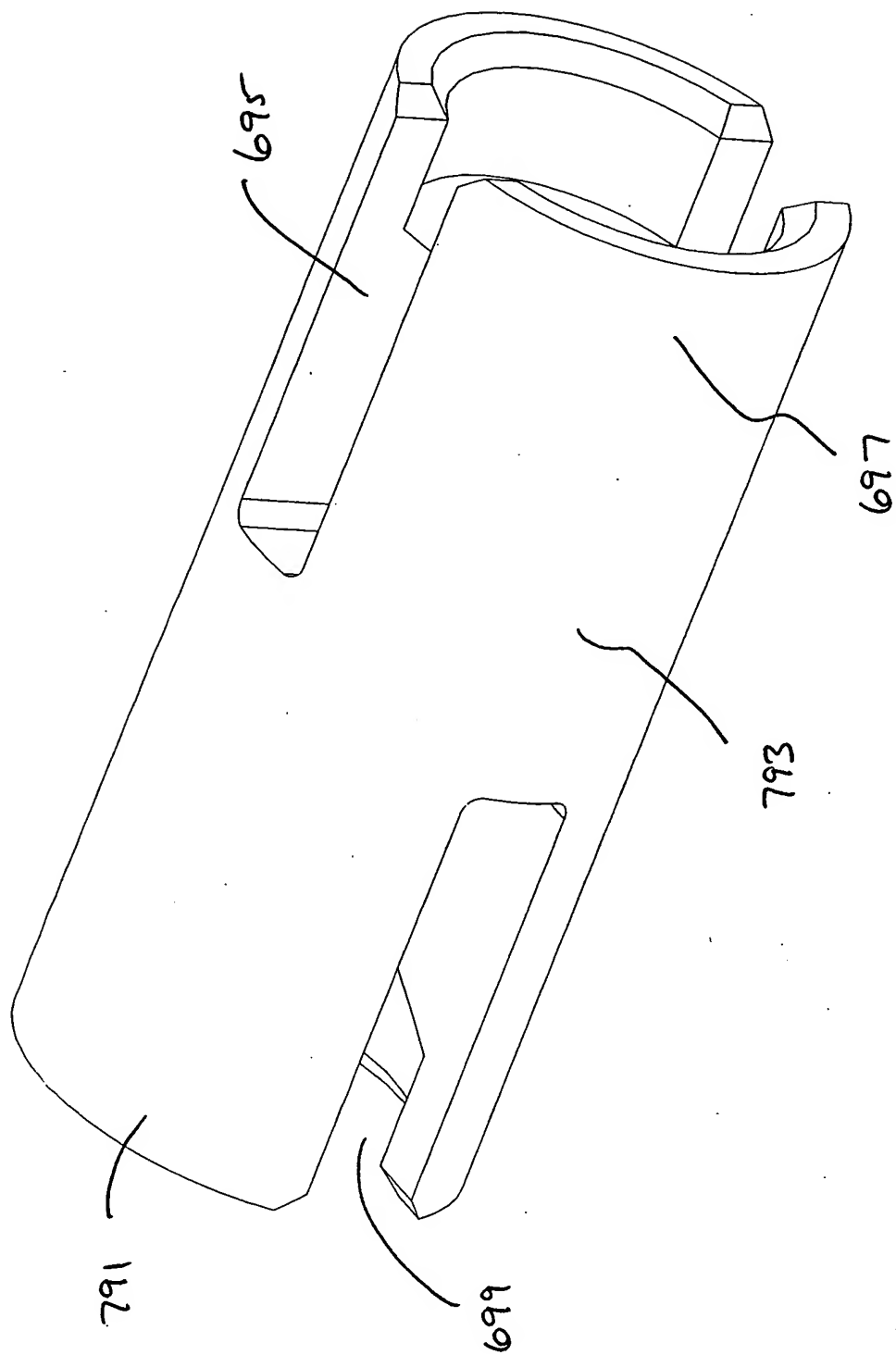


FIG. 98

FIG. 99

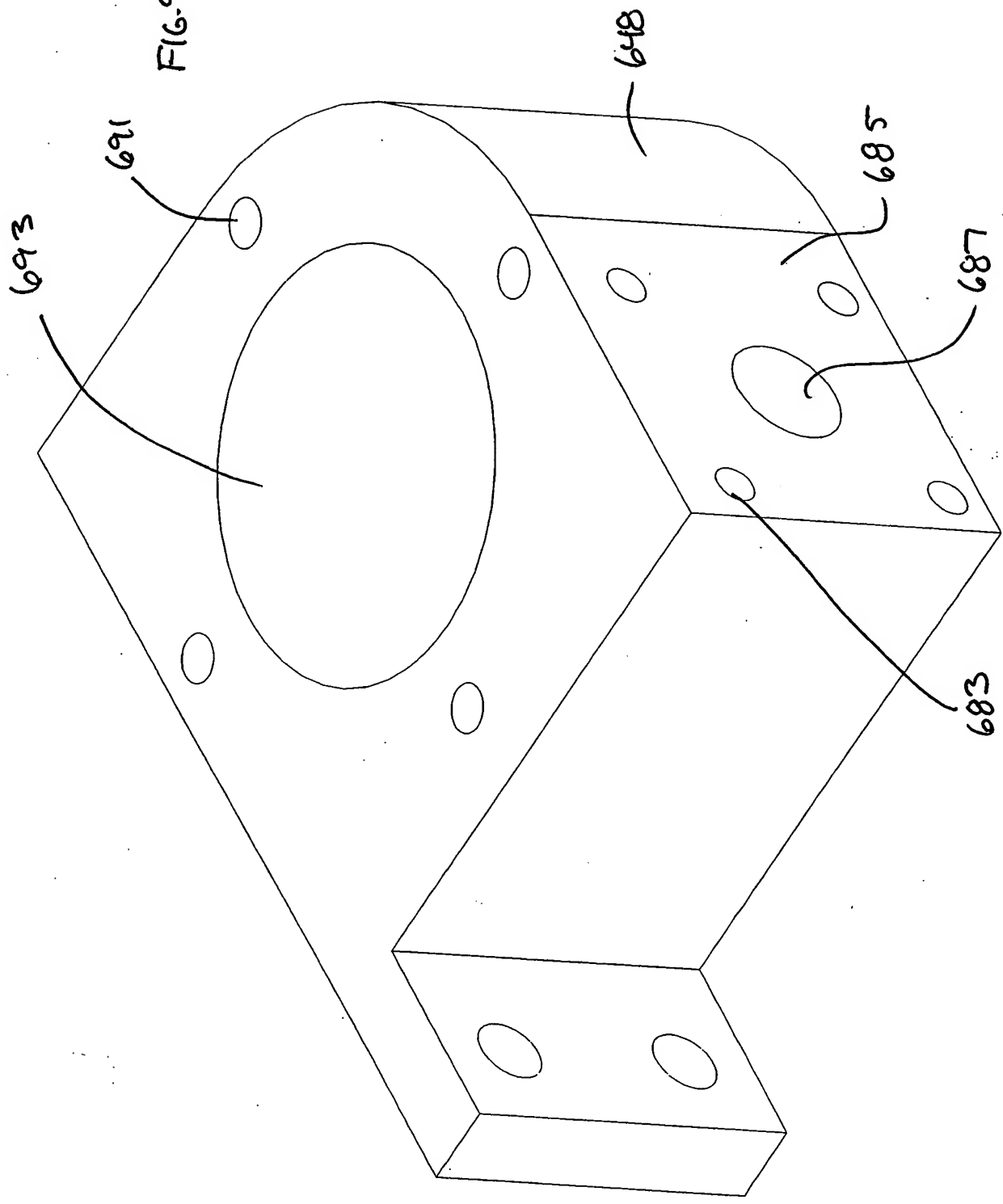
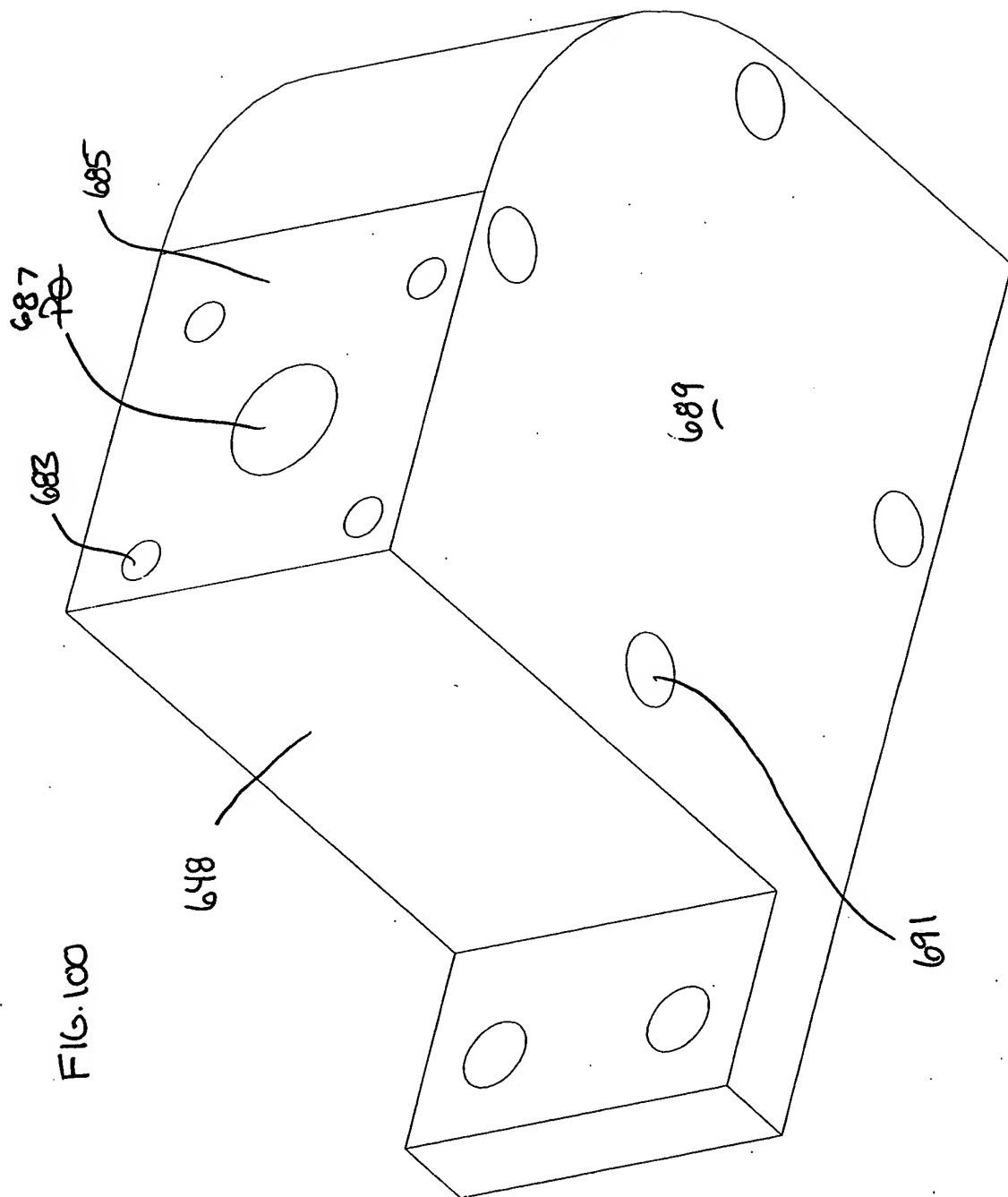
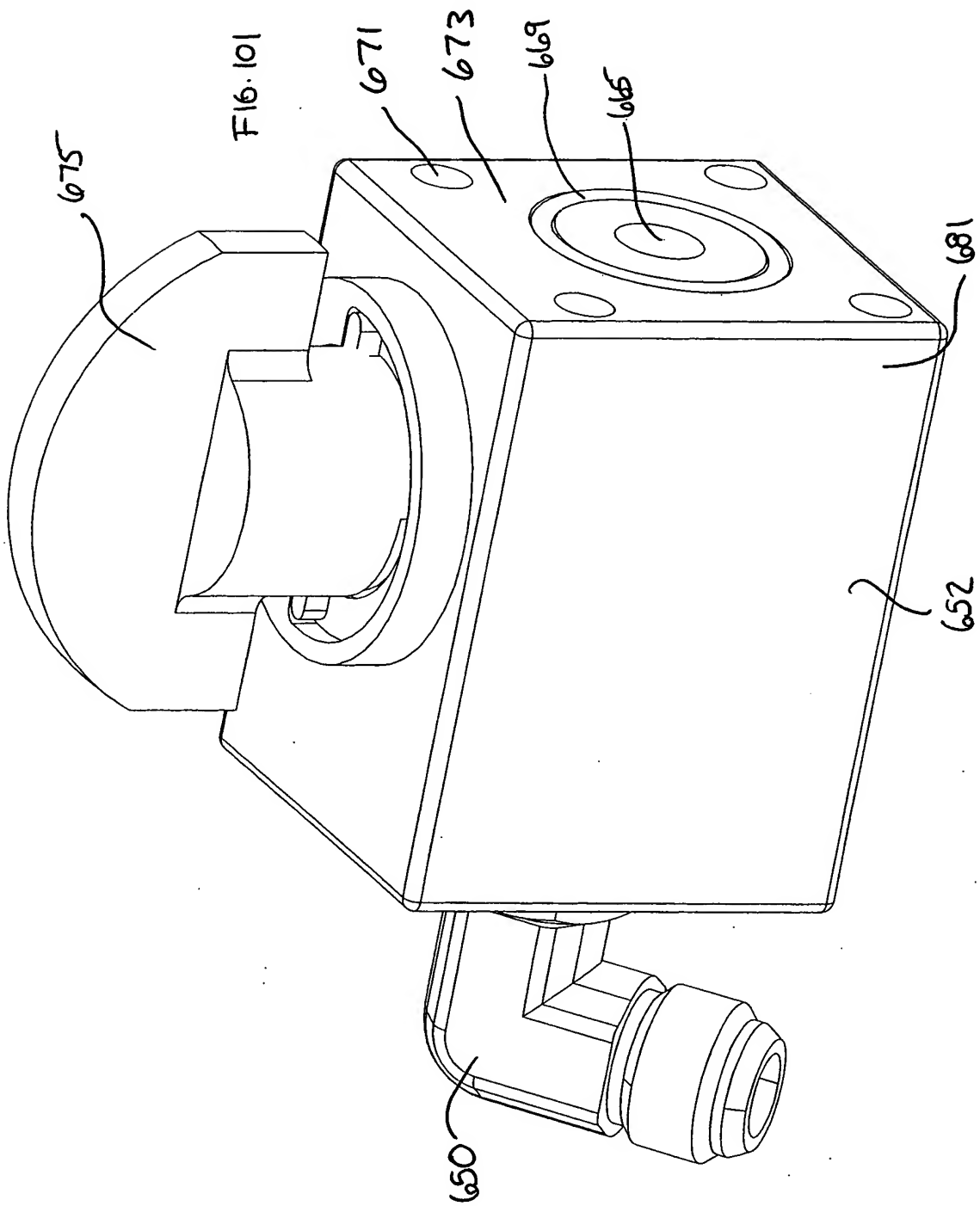


FIG. 100





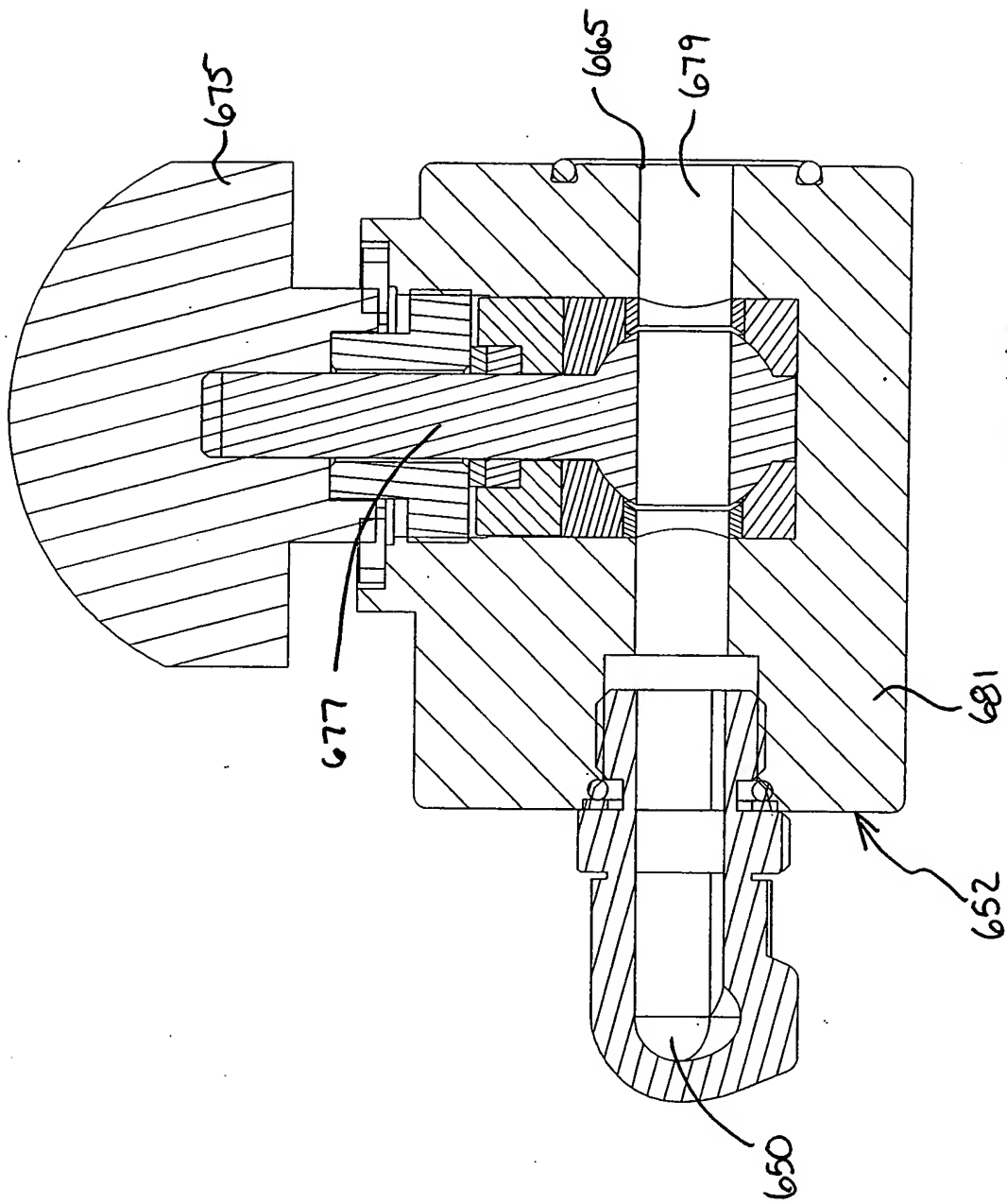
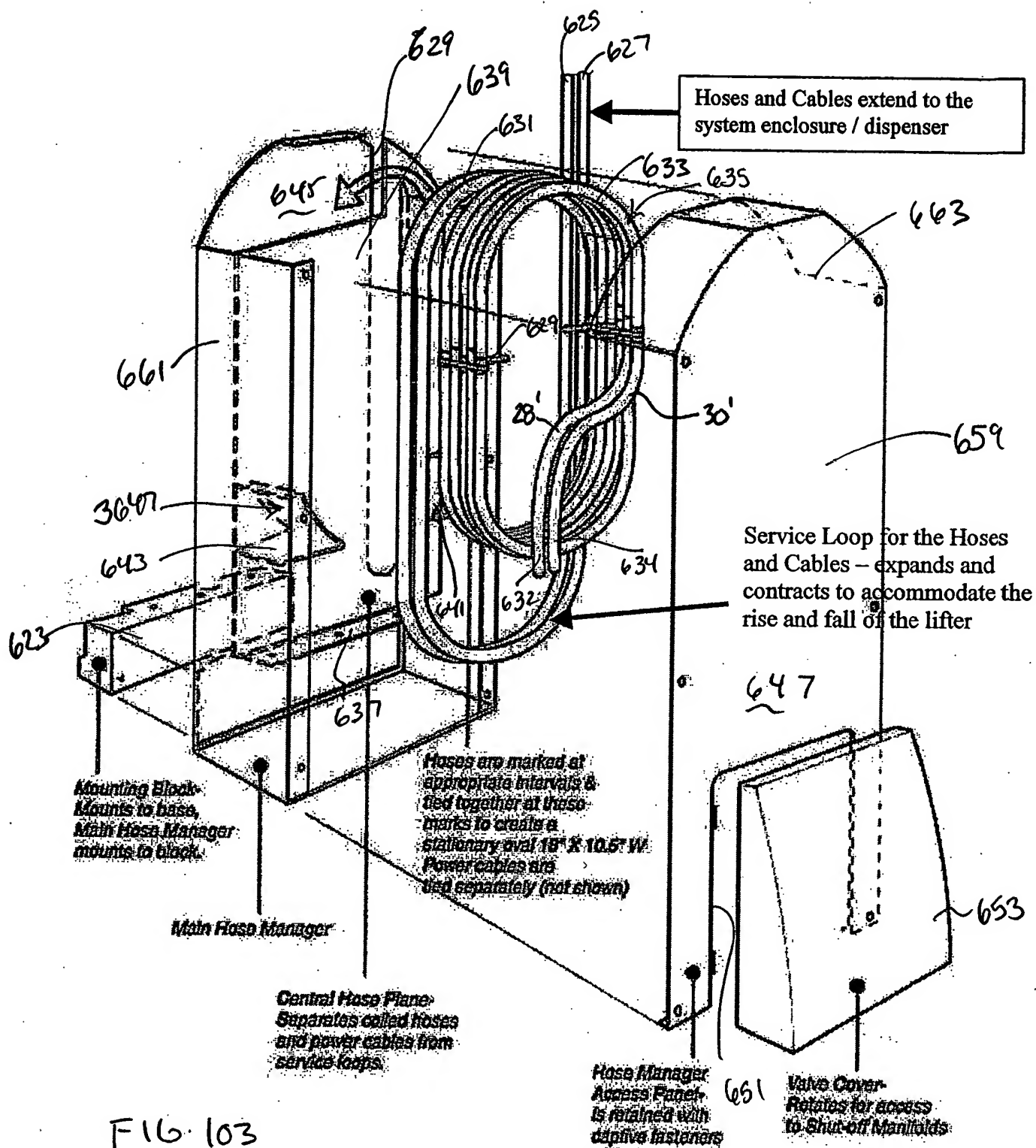


FIG. 102



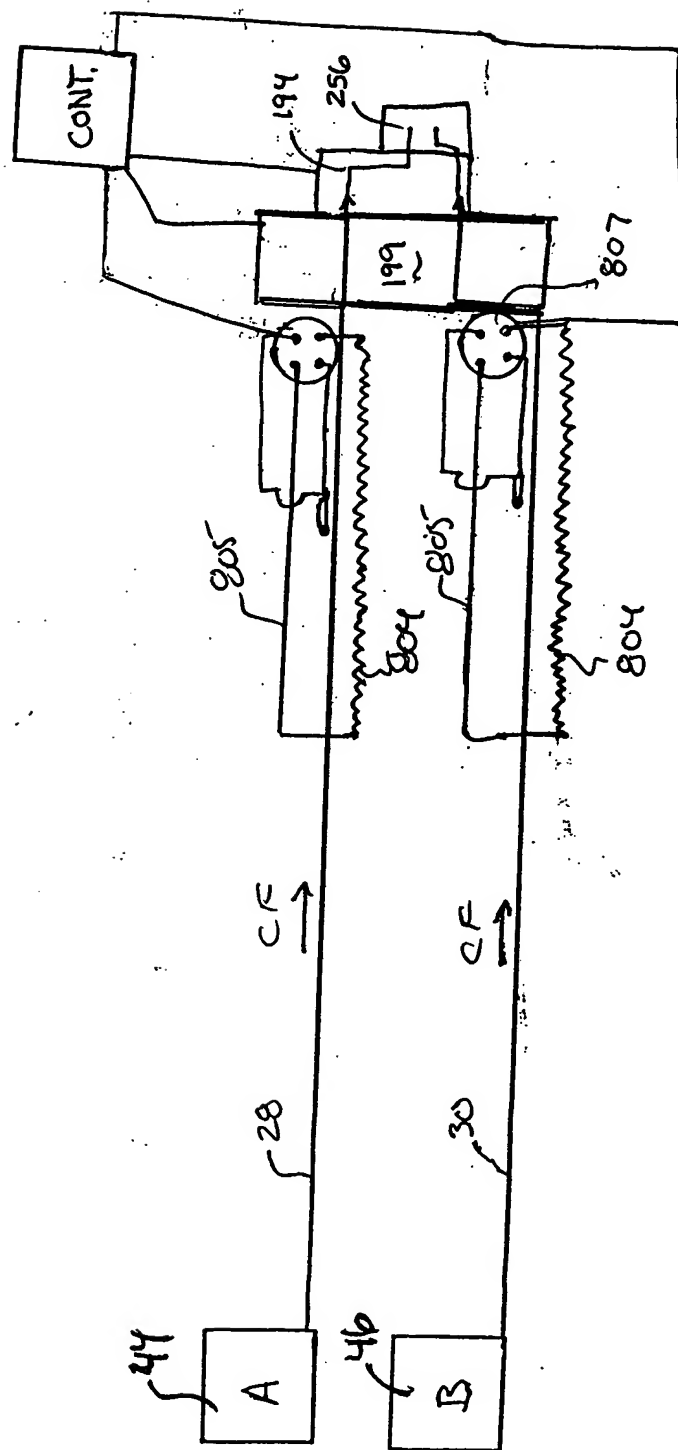


FIG. 104

FIG. 105

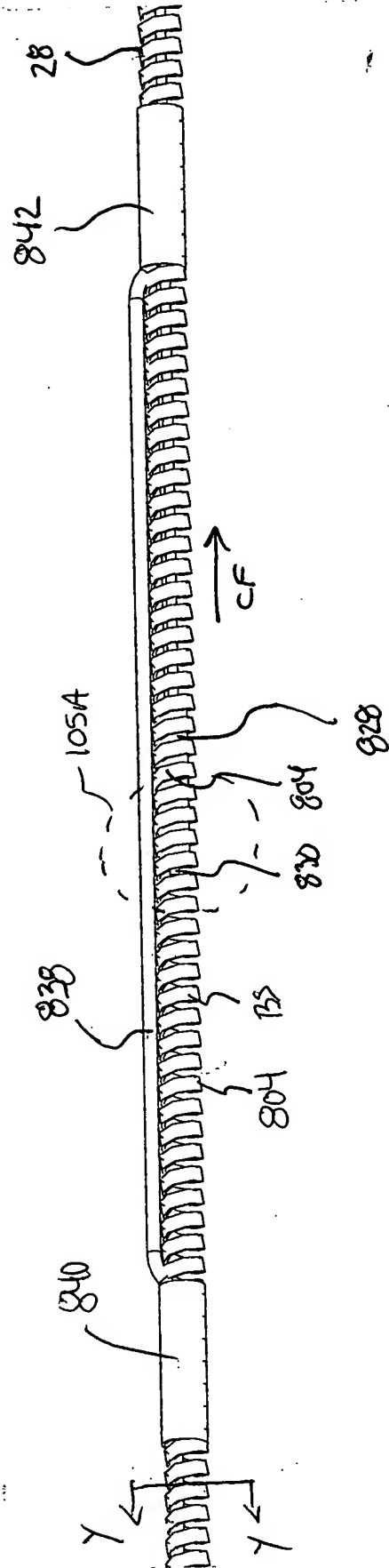


FIG. 105A

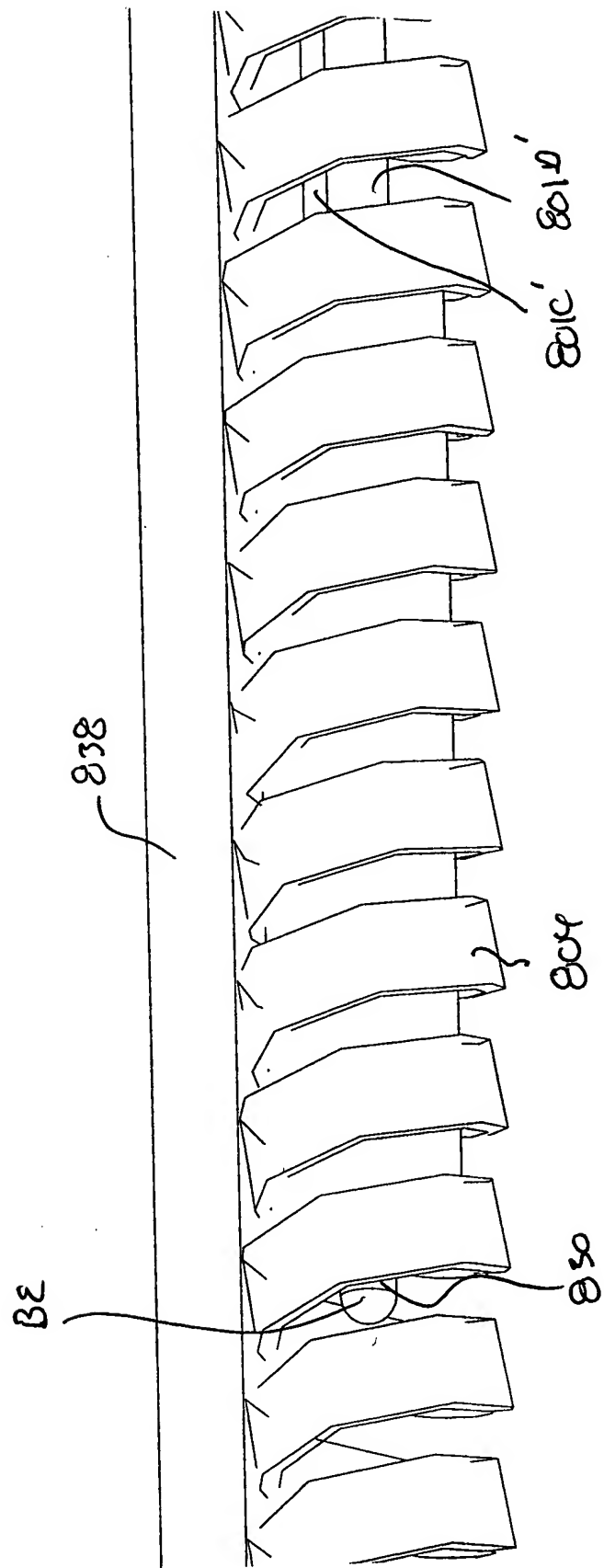


FIG. 106

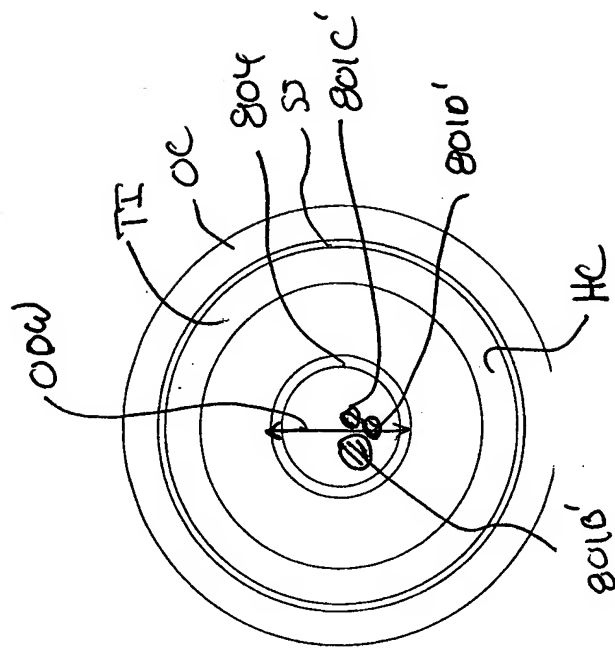
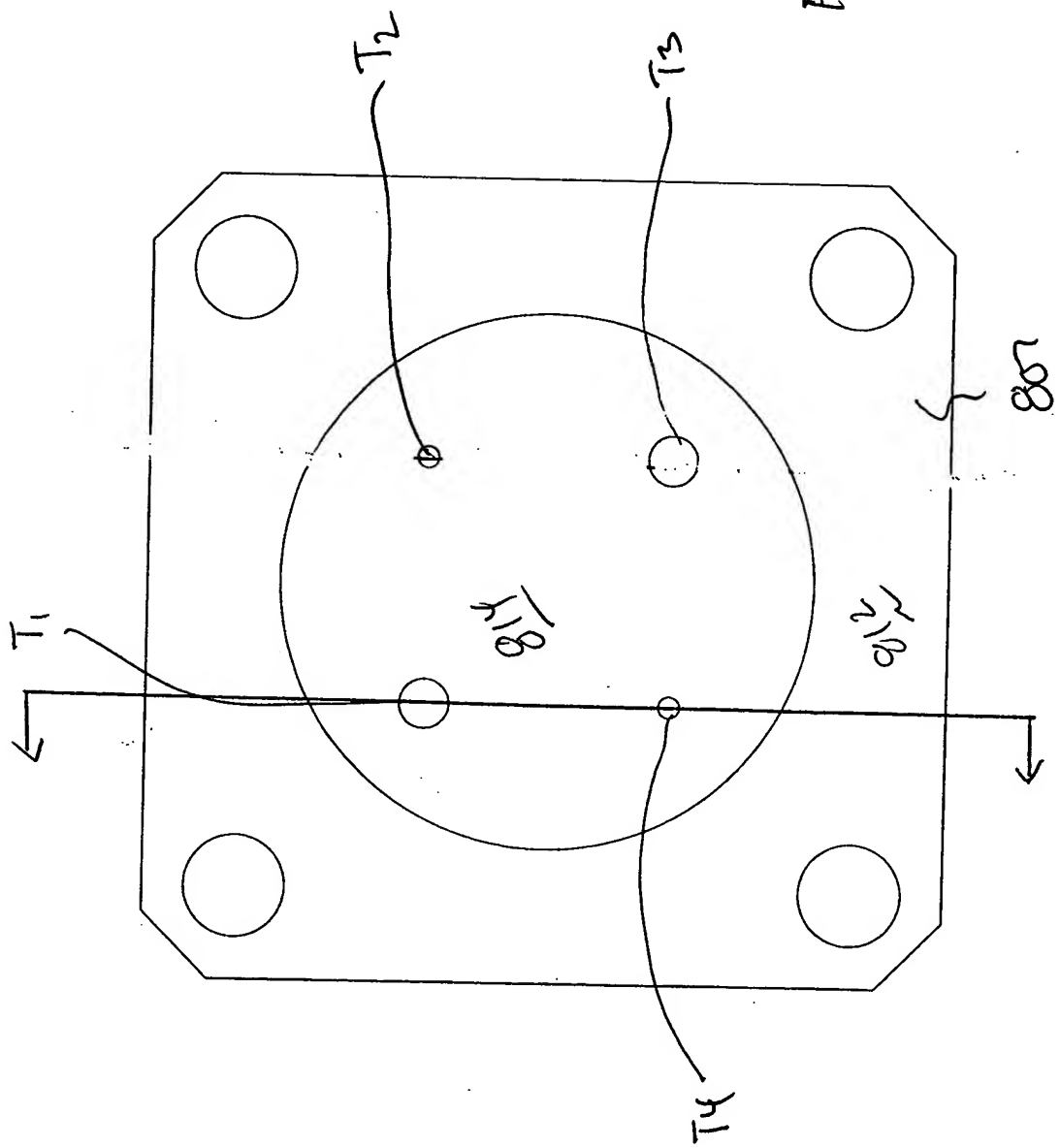


FIG. 107



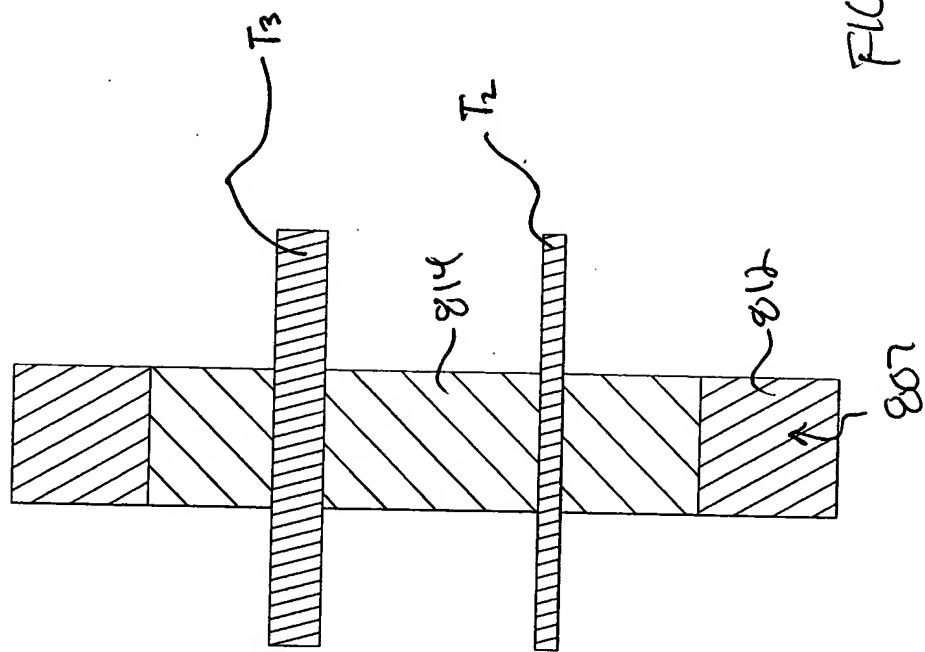


FIG. 108

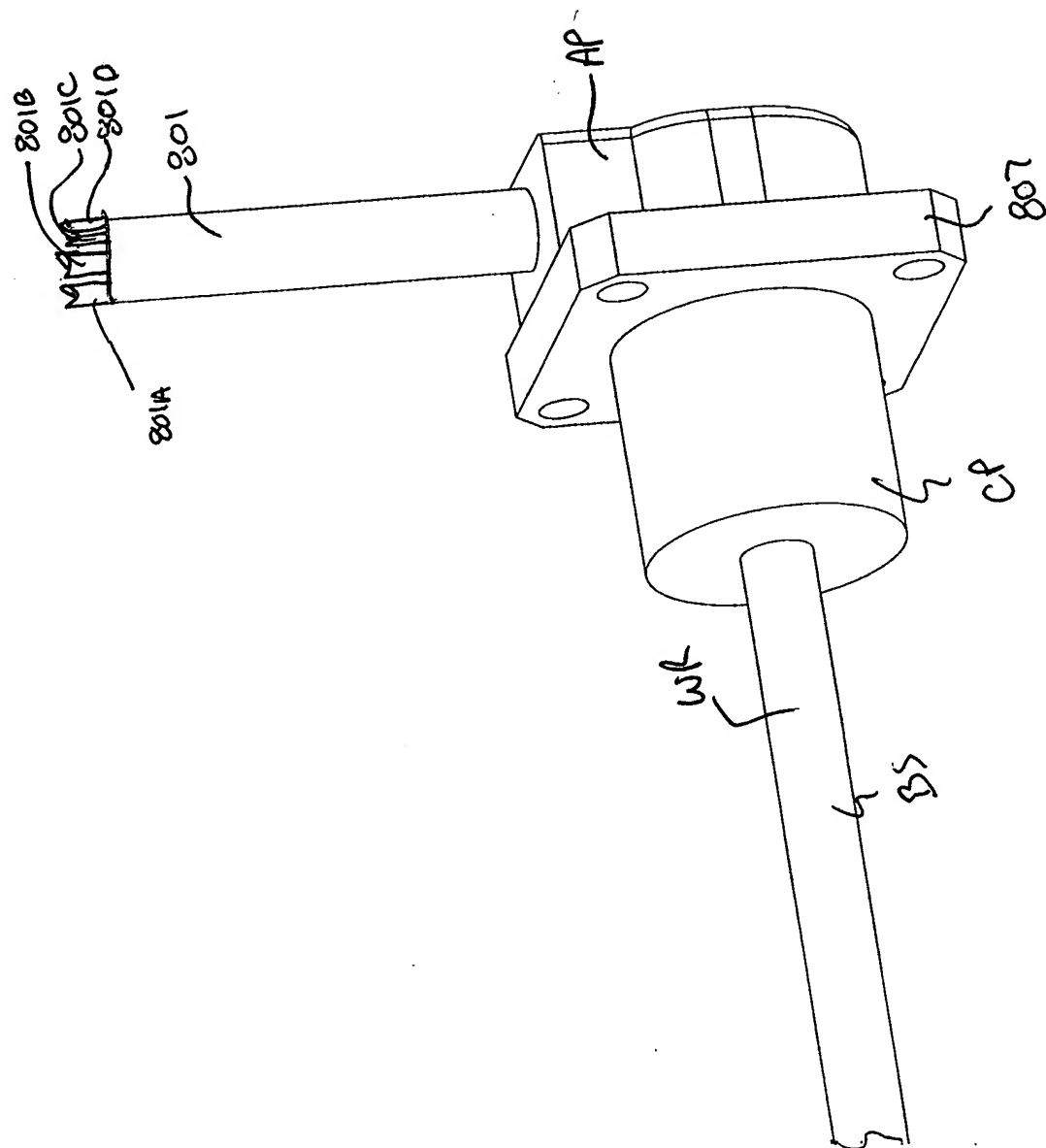
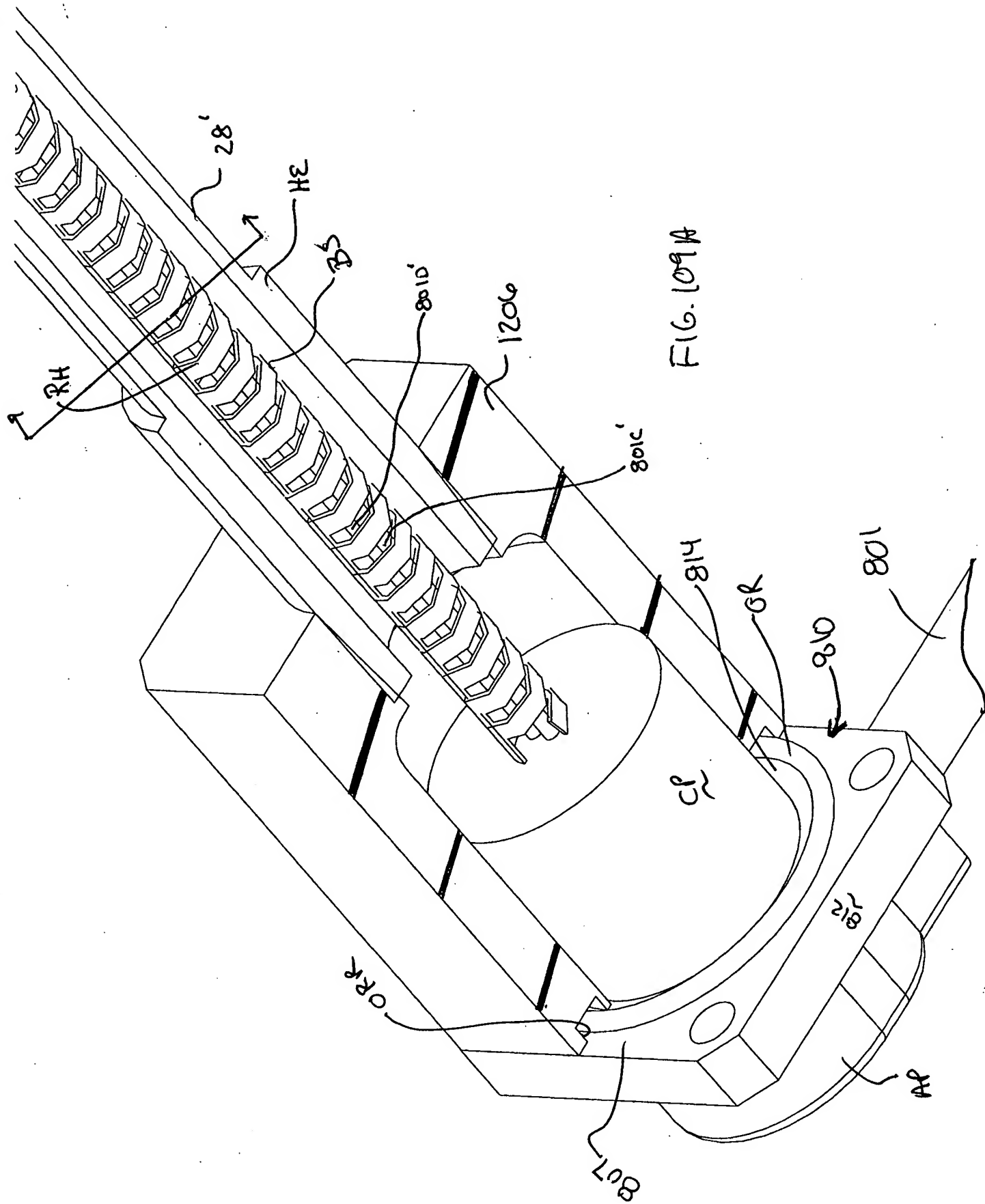
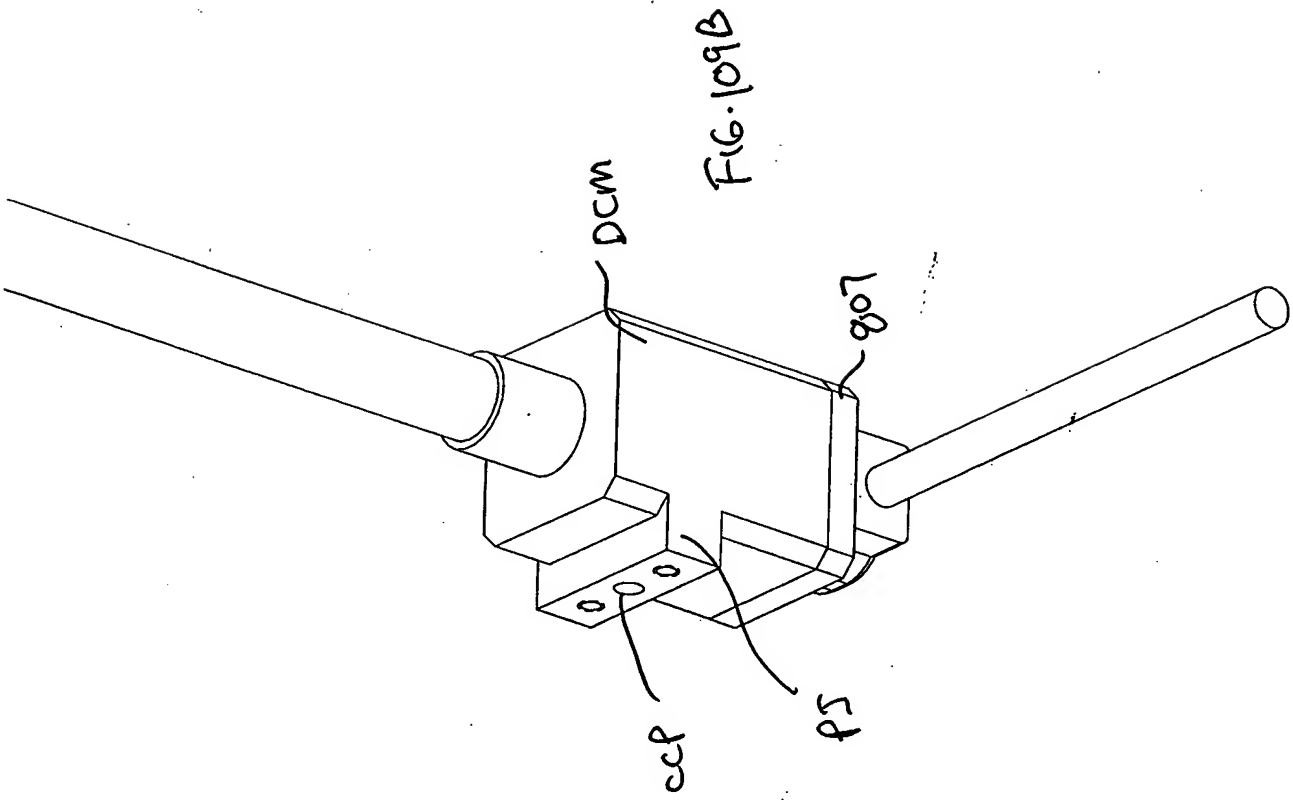
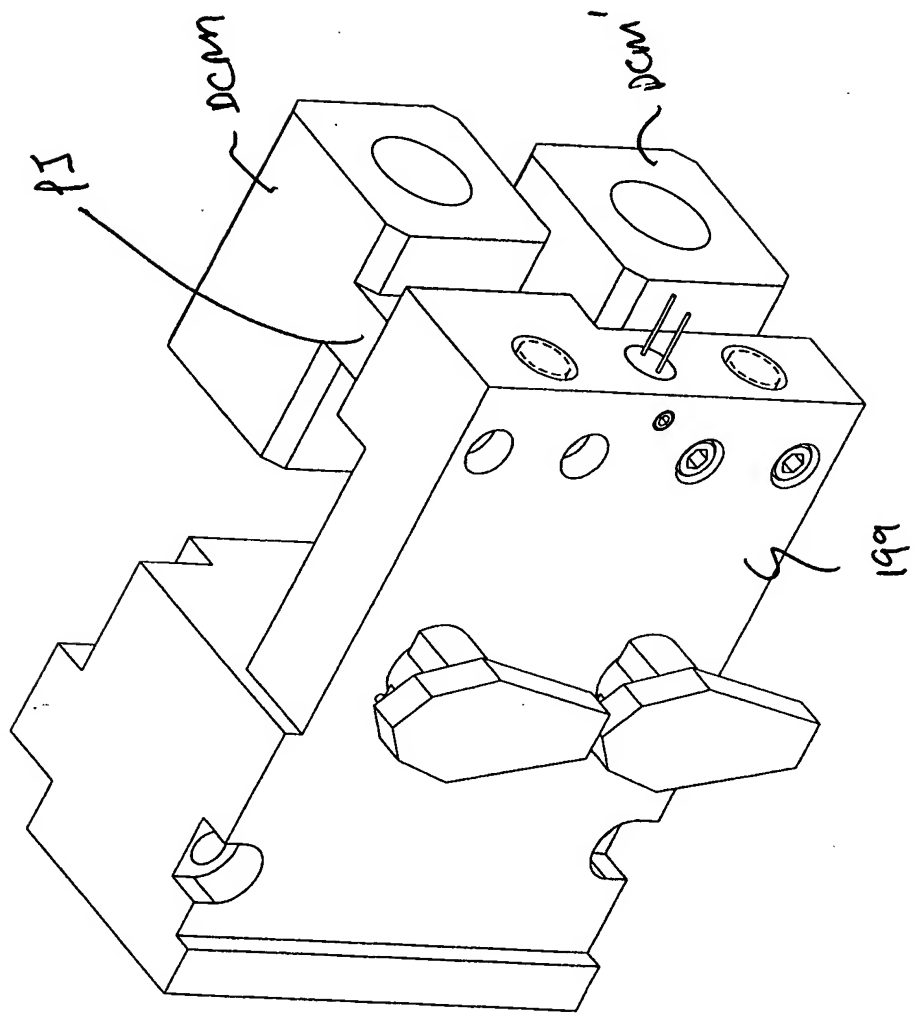


Fig. 109







109C

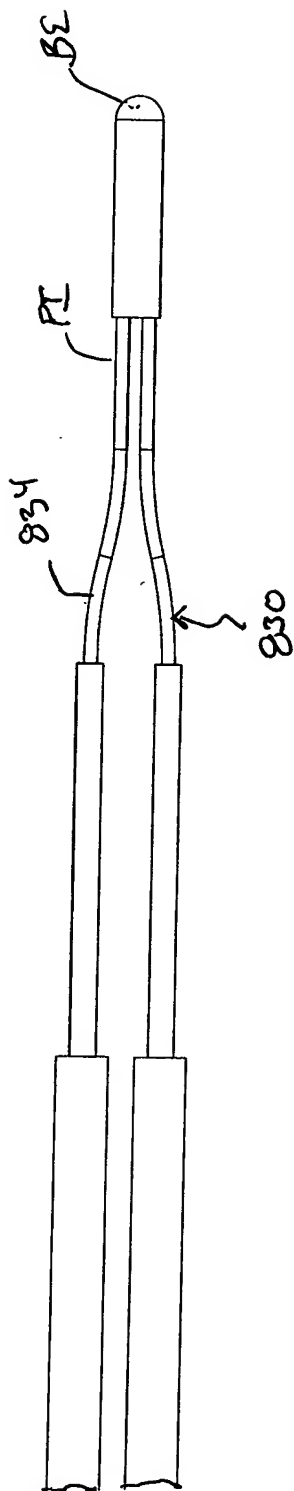


FIG. 10

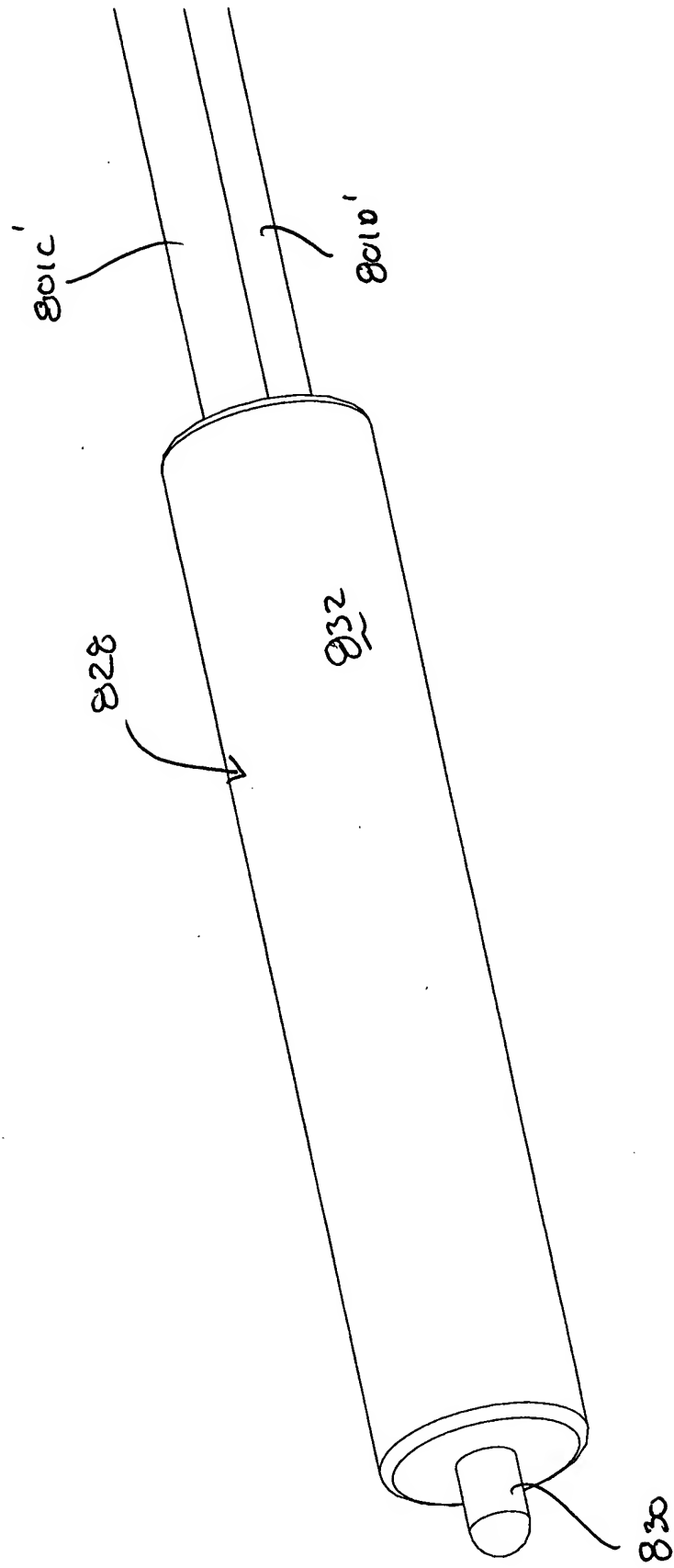


FIG. 110A

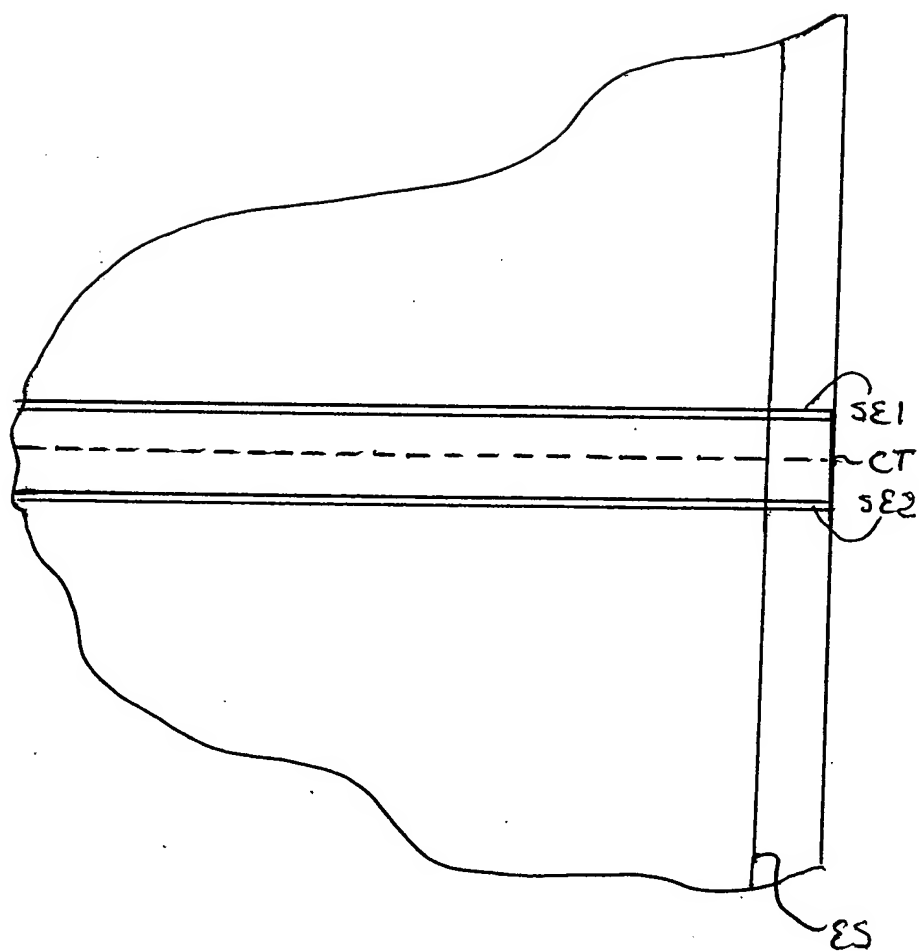


FIG. 111

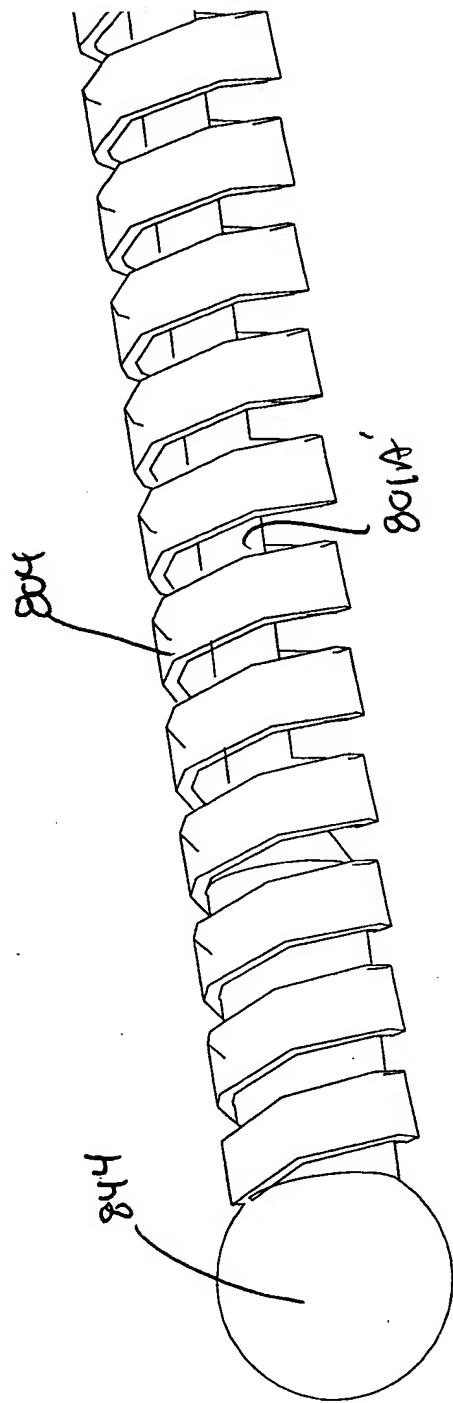


FIG. 112

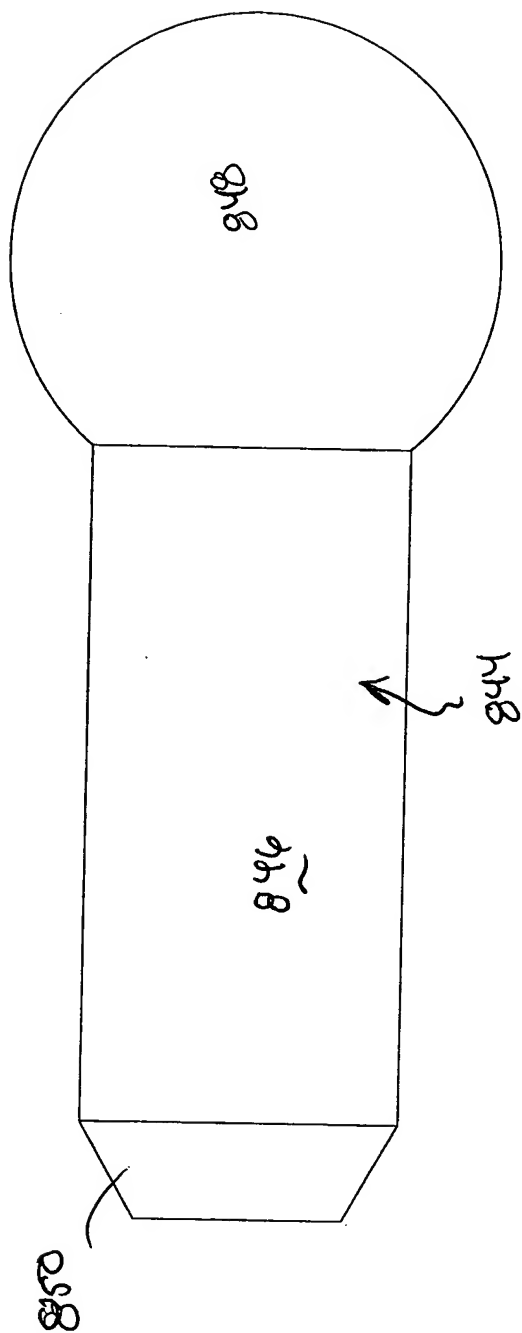


FIG. 113

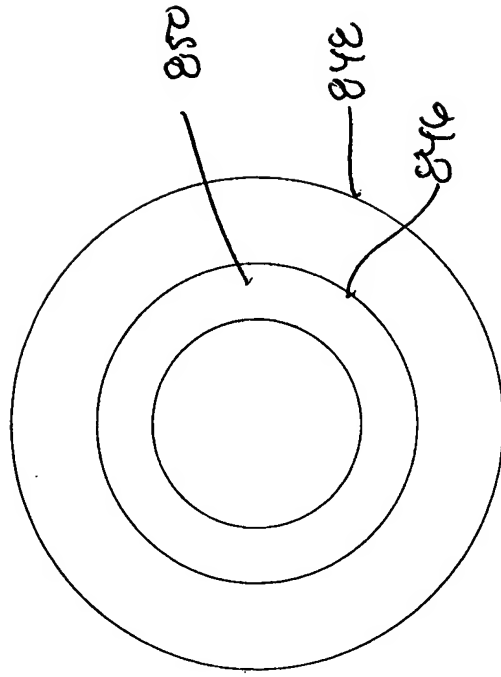


FIG. 113A

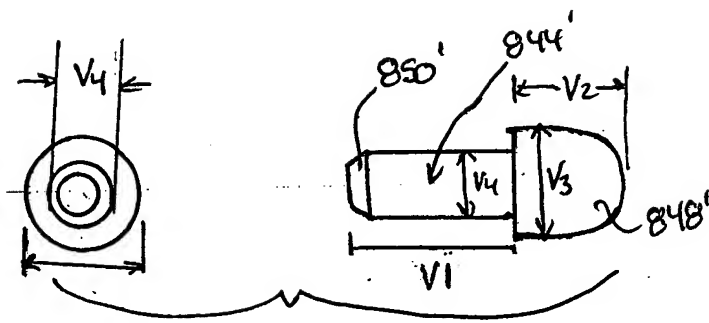


FIG. 114

FIG. 115

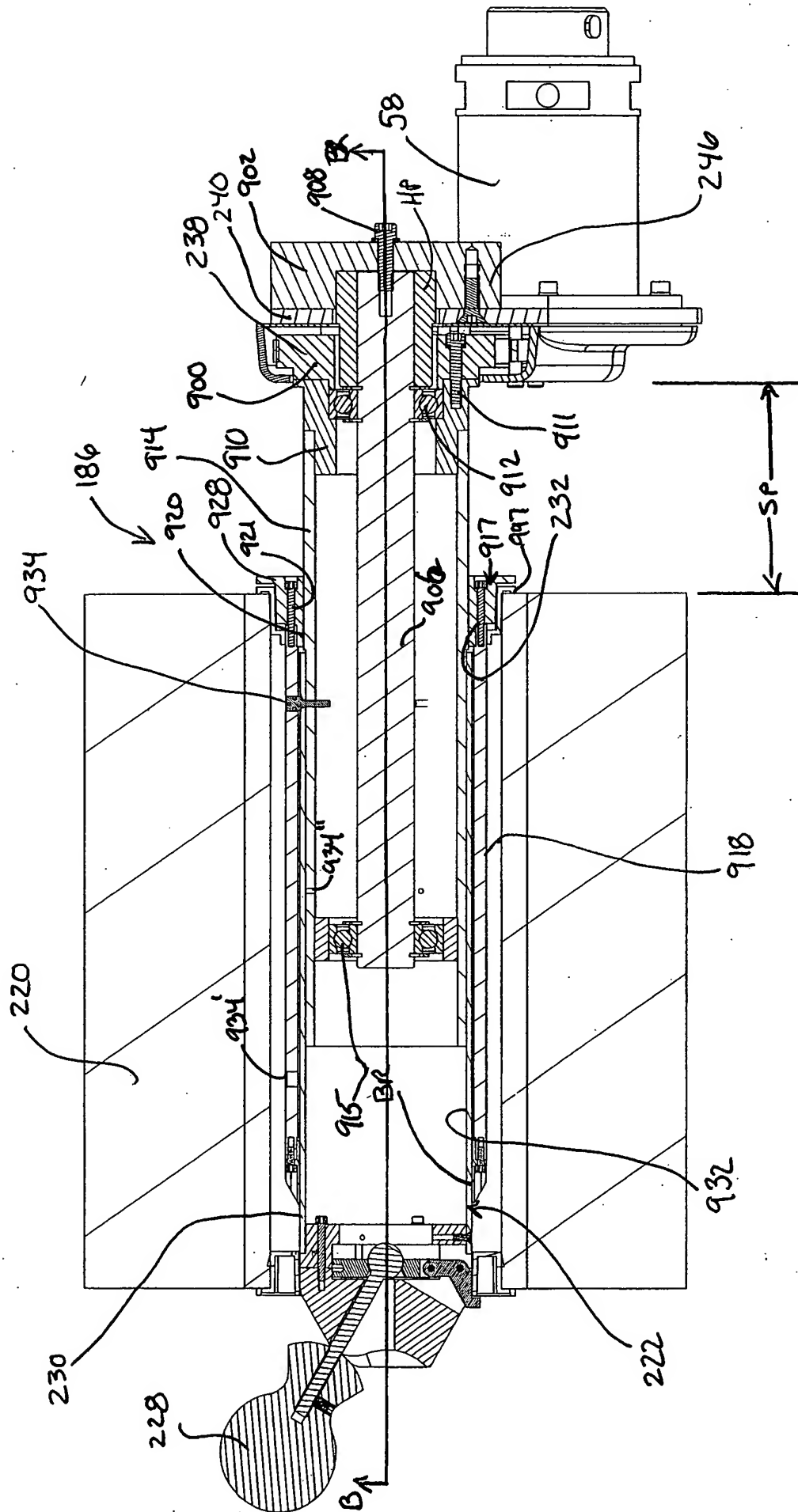
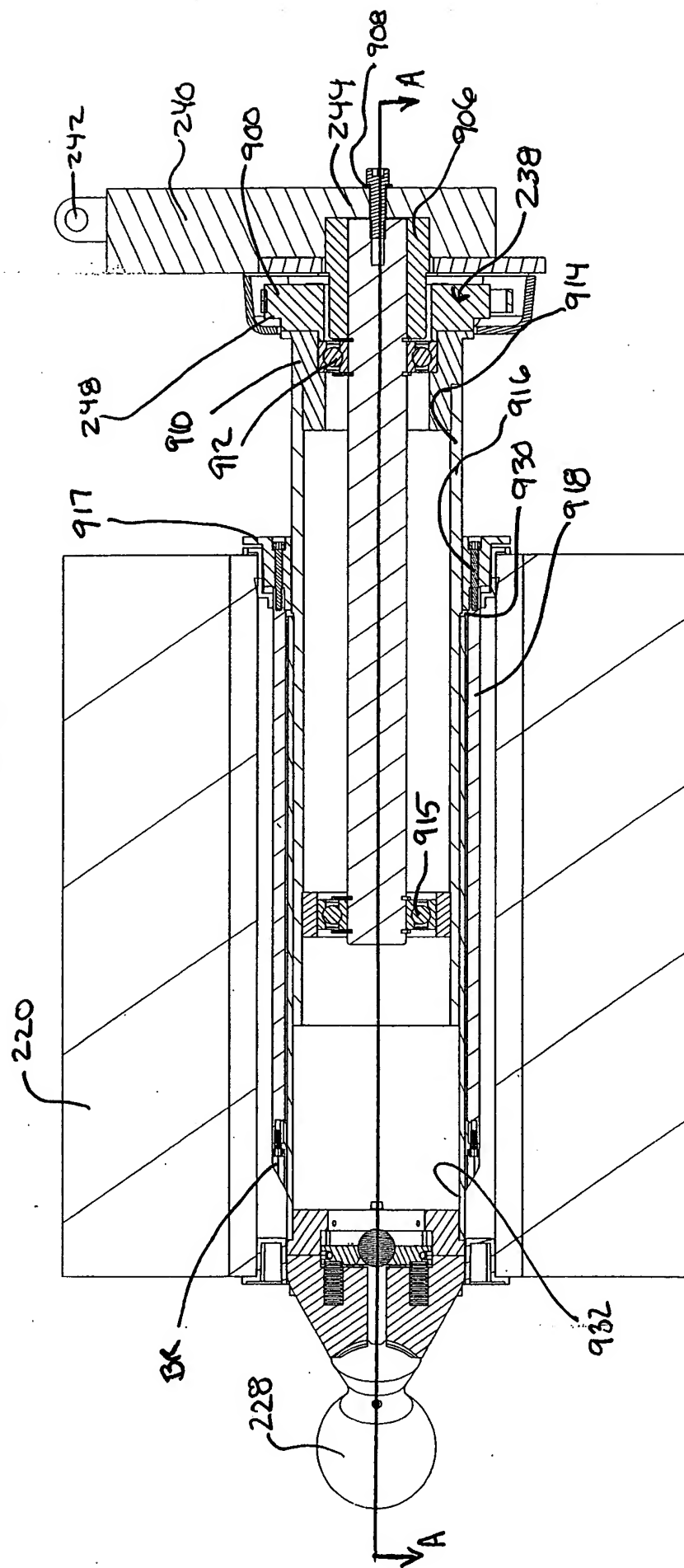
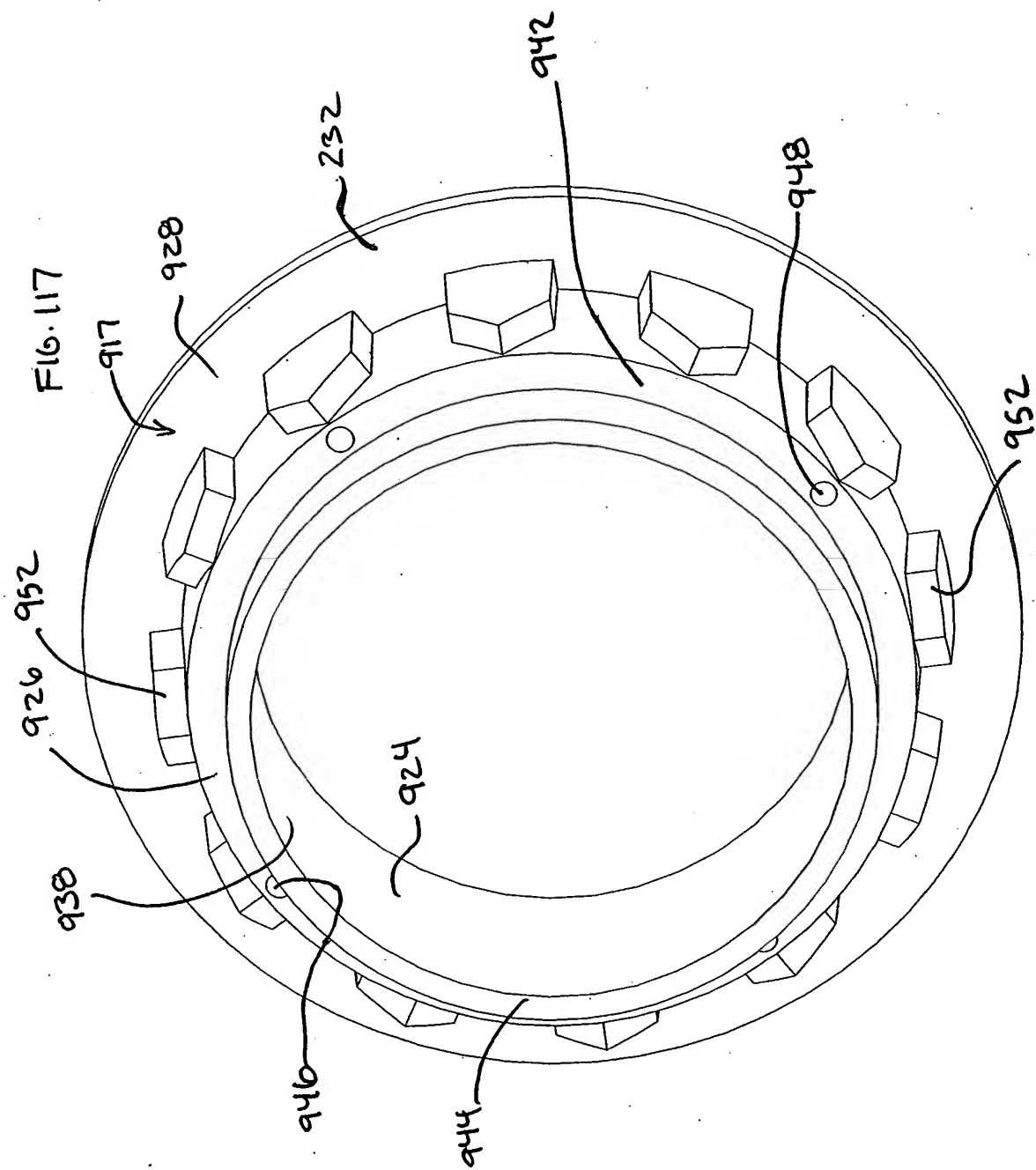


FIG. 11b





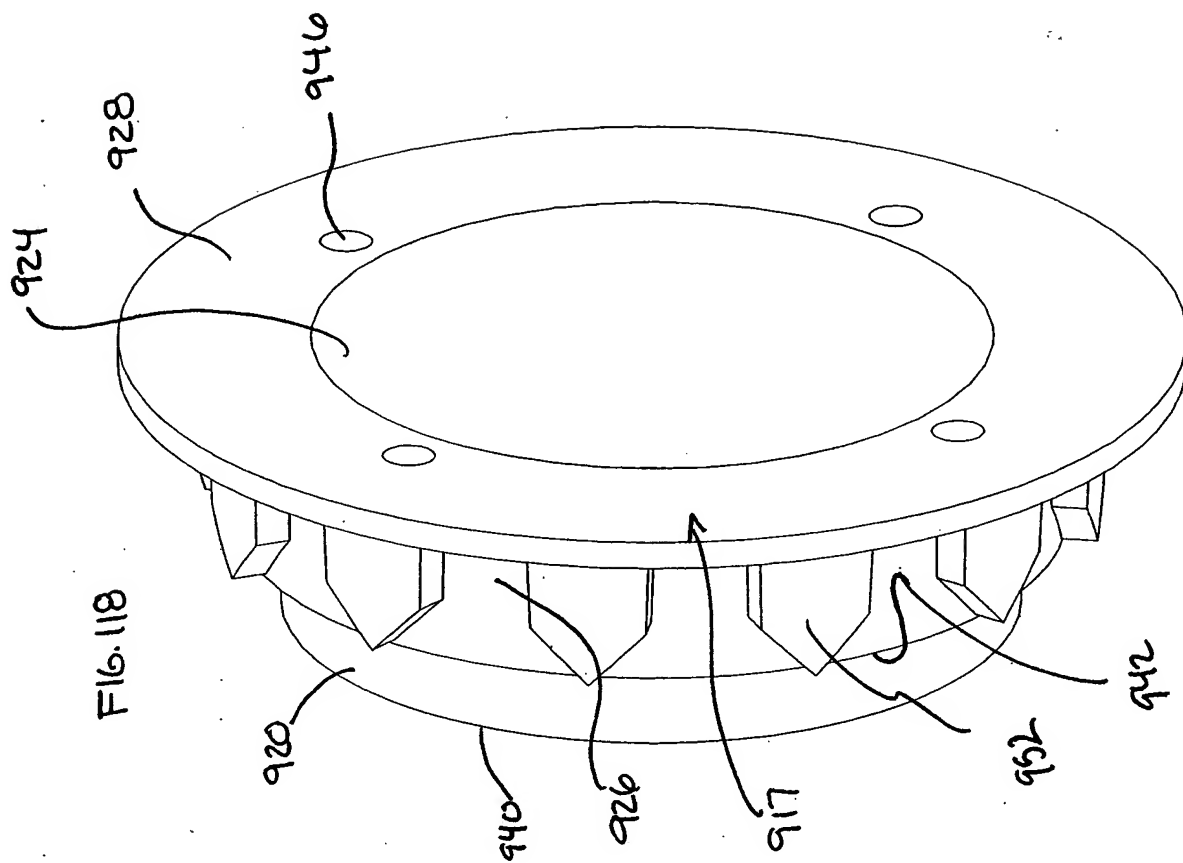
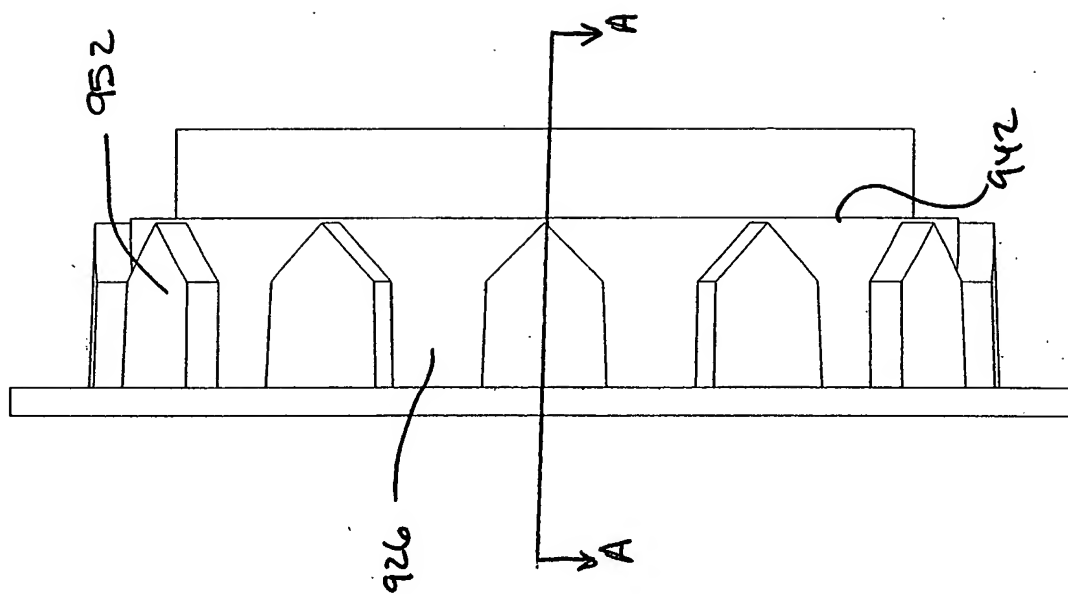
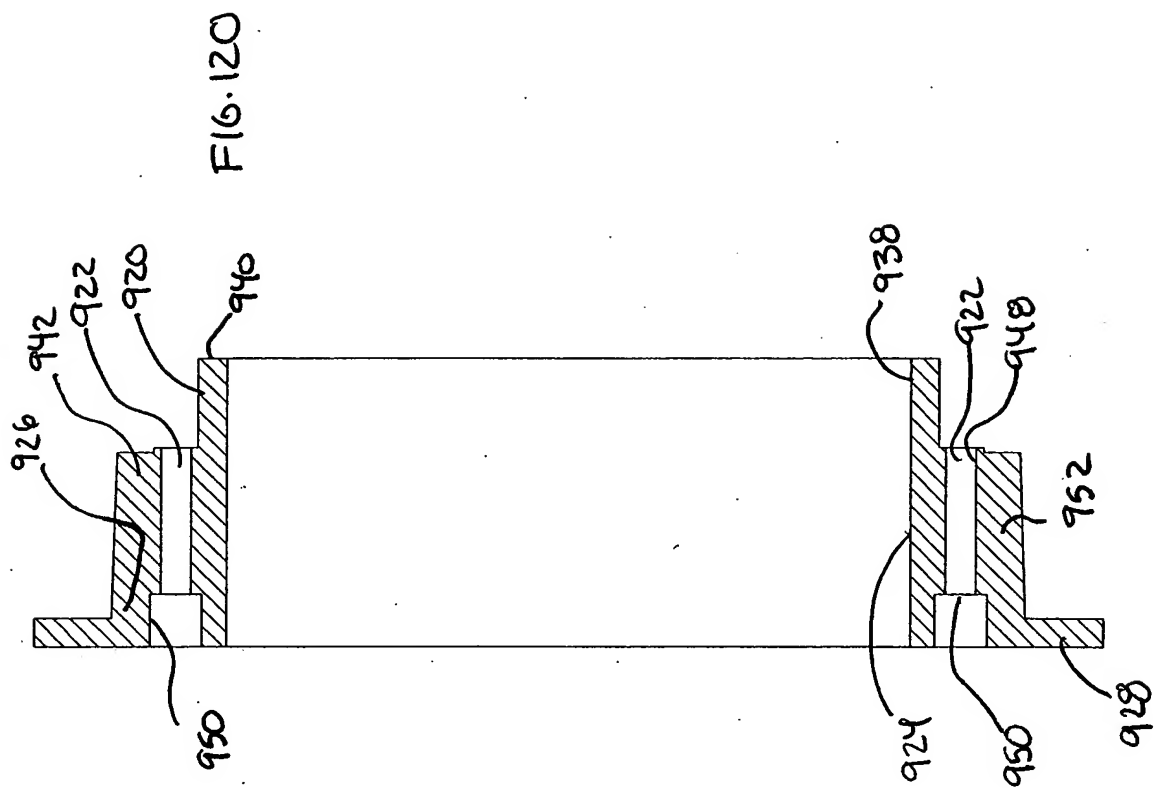


FIG. 118

FIG. 119





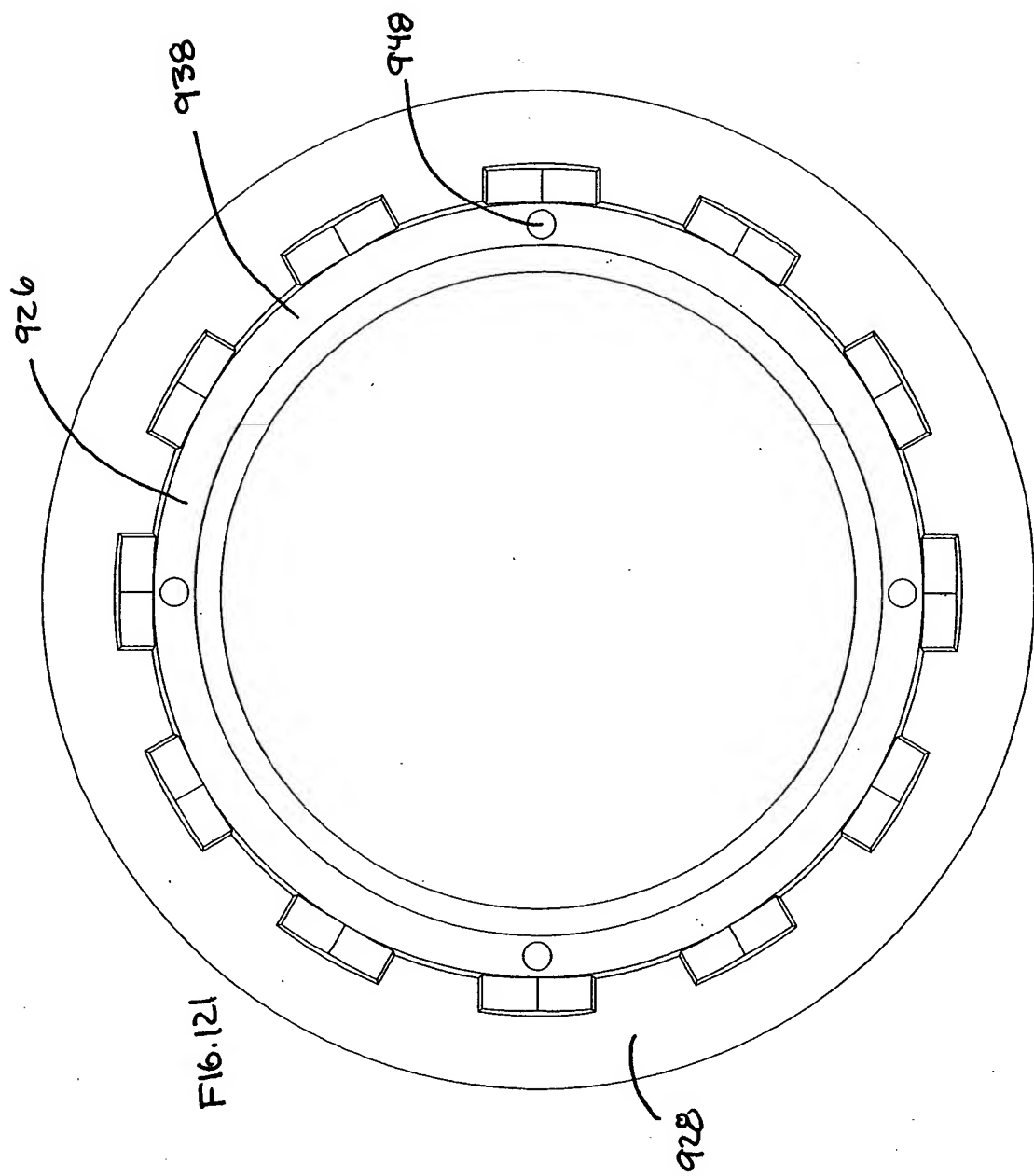


FIG. 121

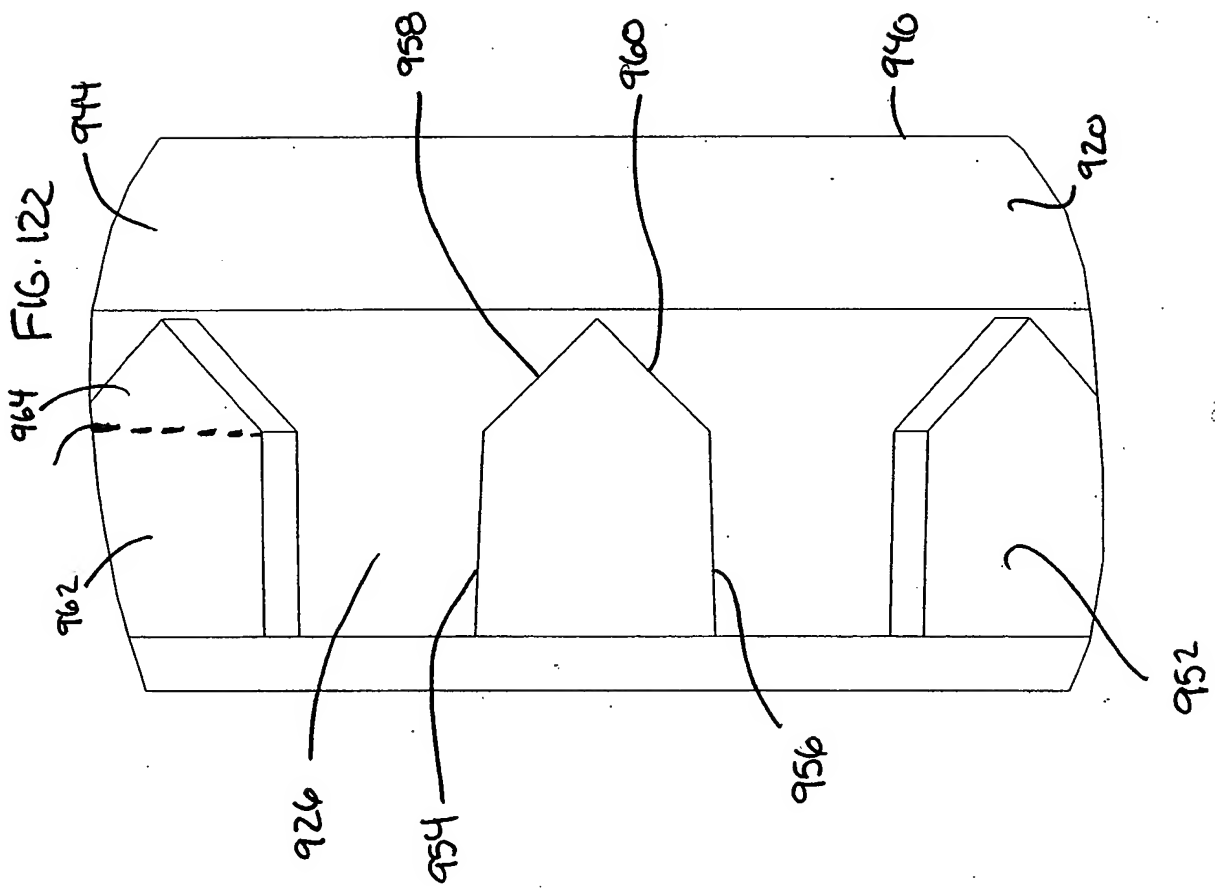
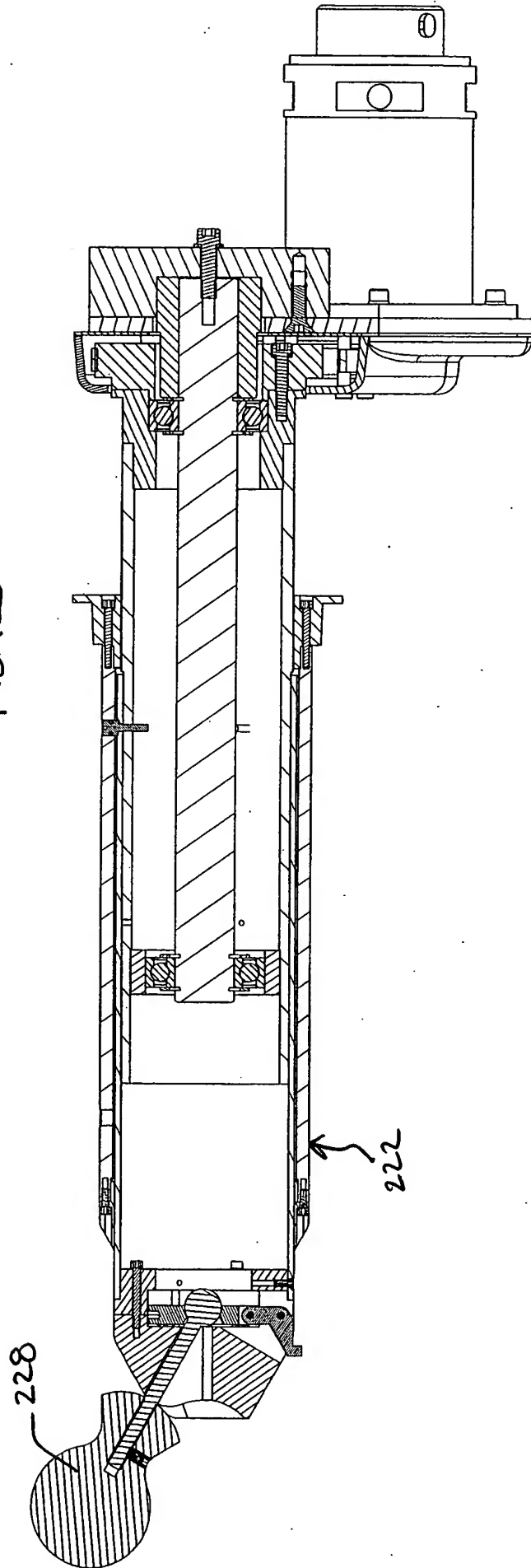
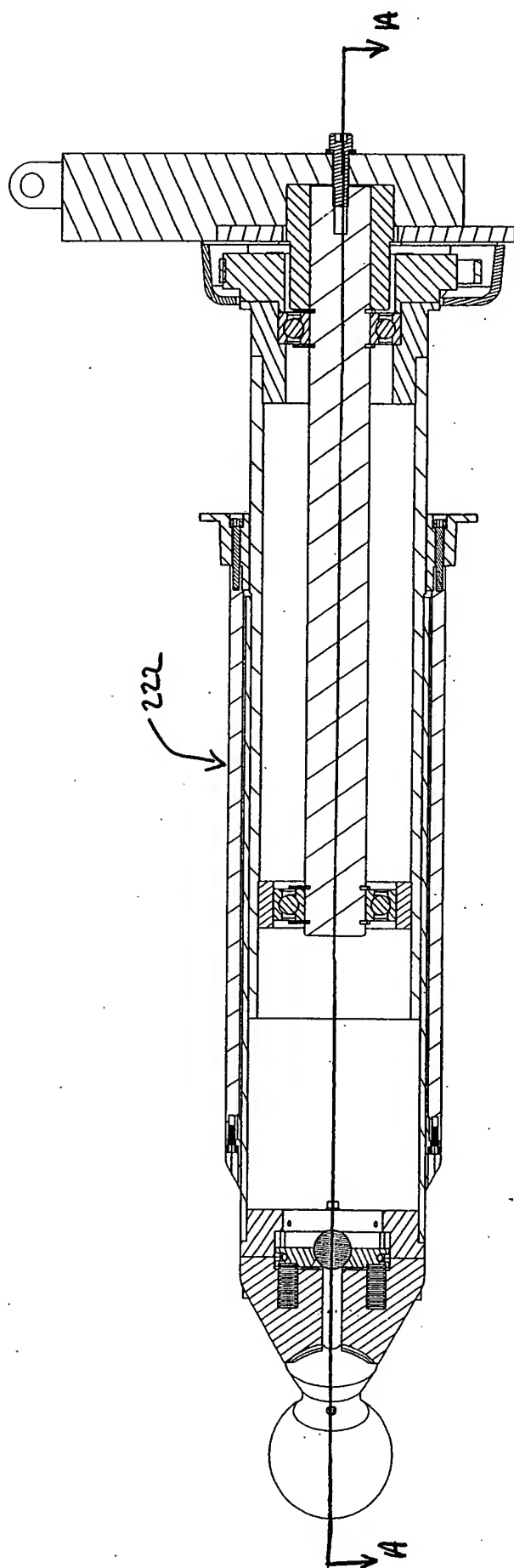


FIG. 123





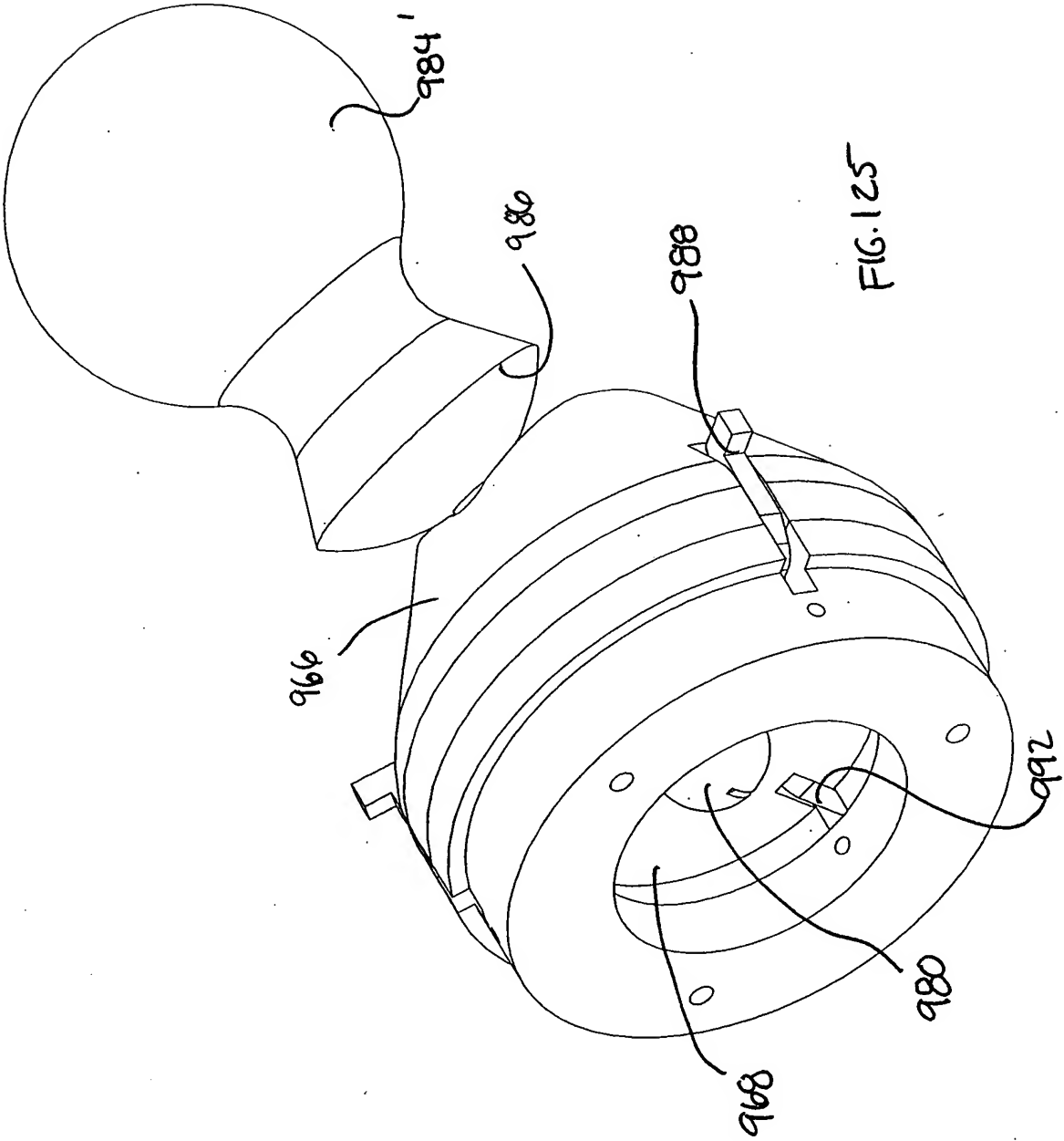


FIG. 125

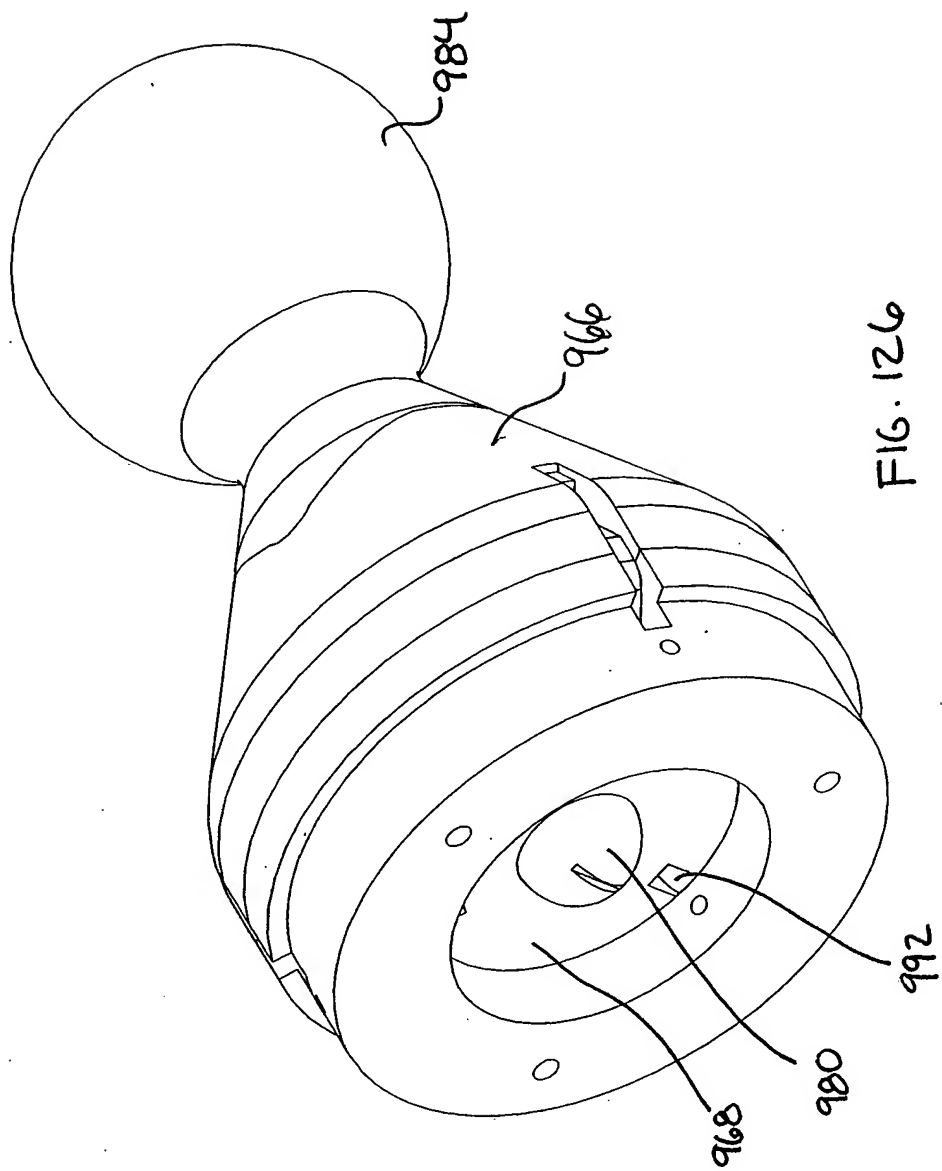


FIG. 126

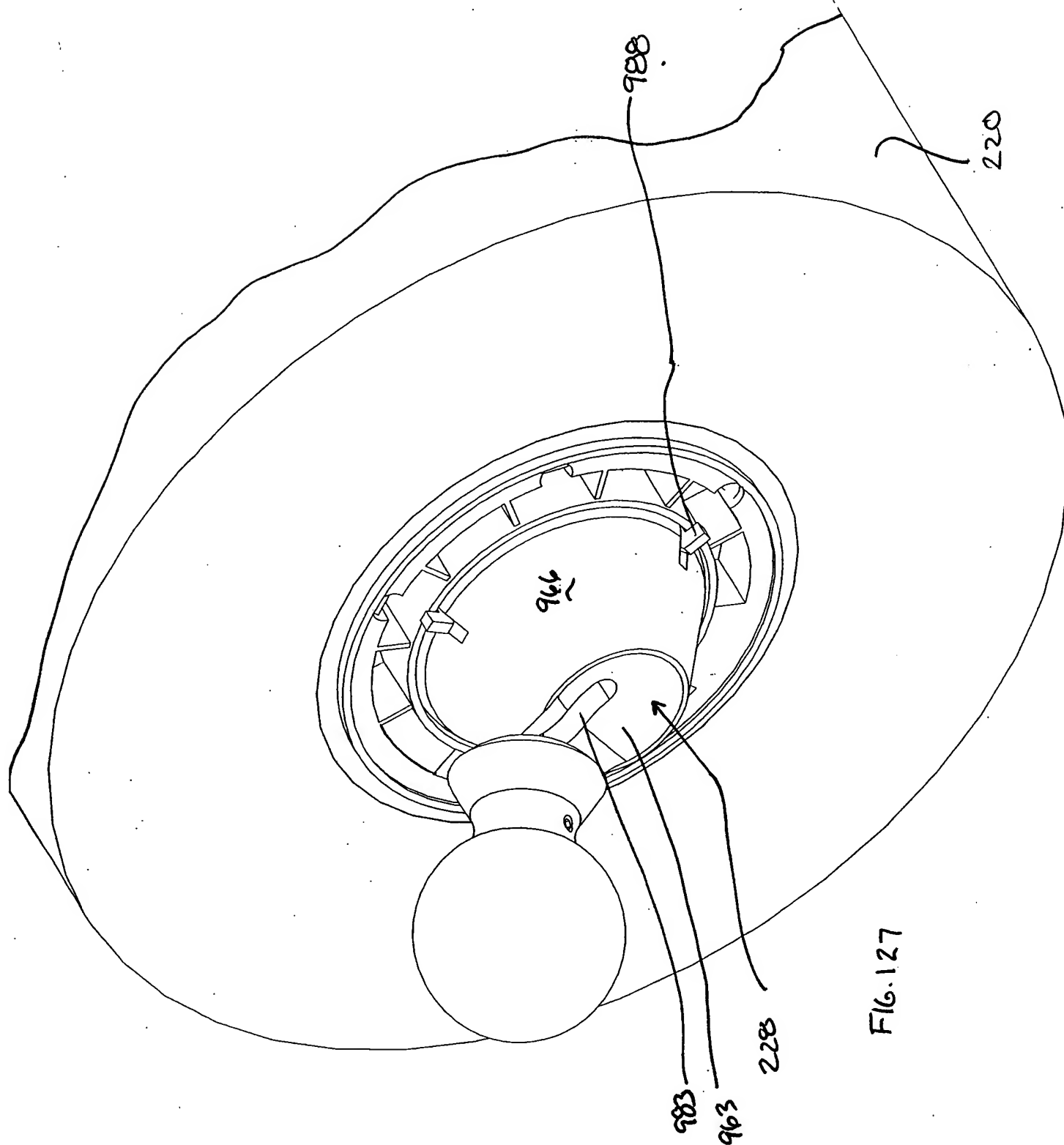


FIG. 127

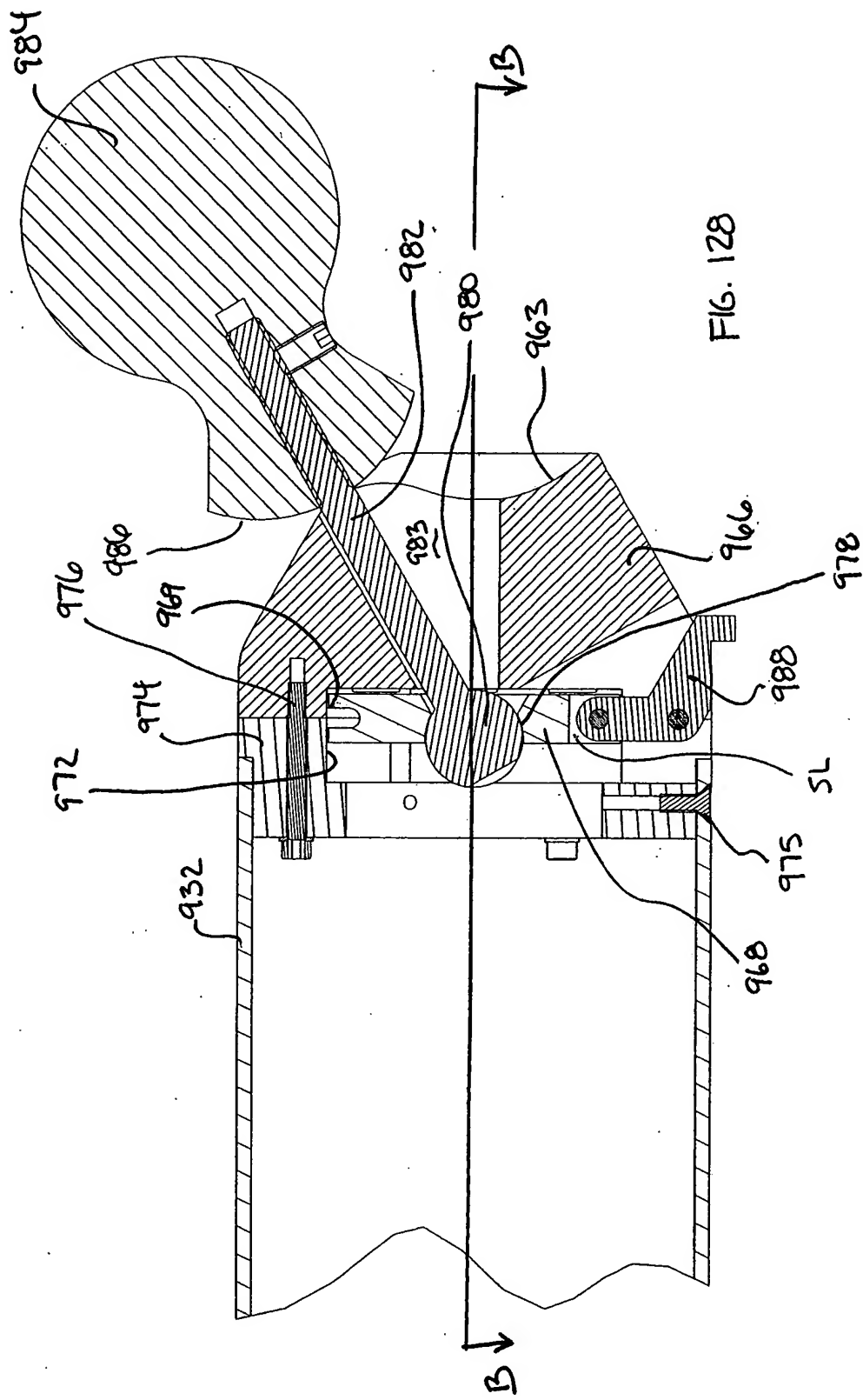
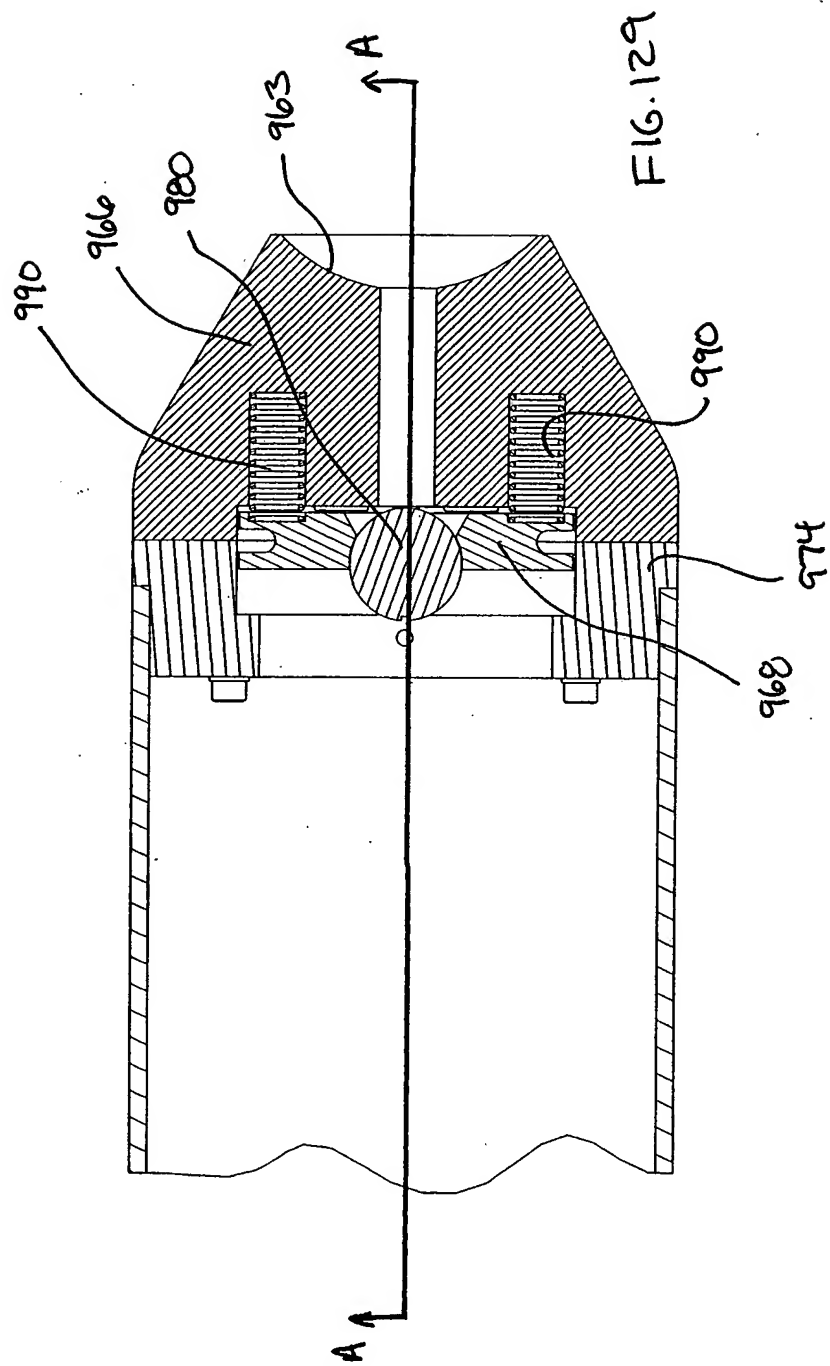


FIG. 128



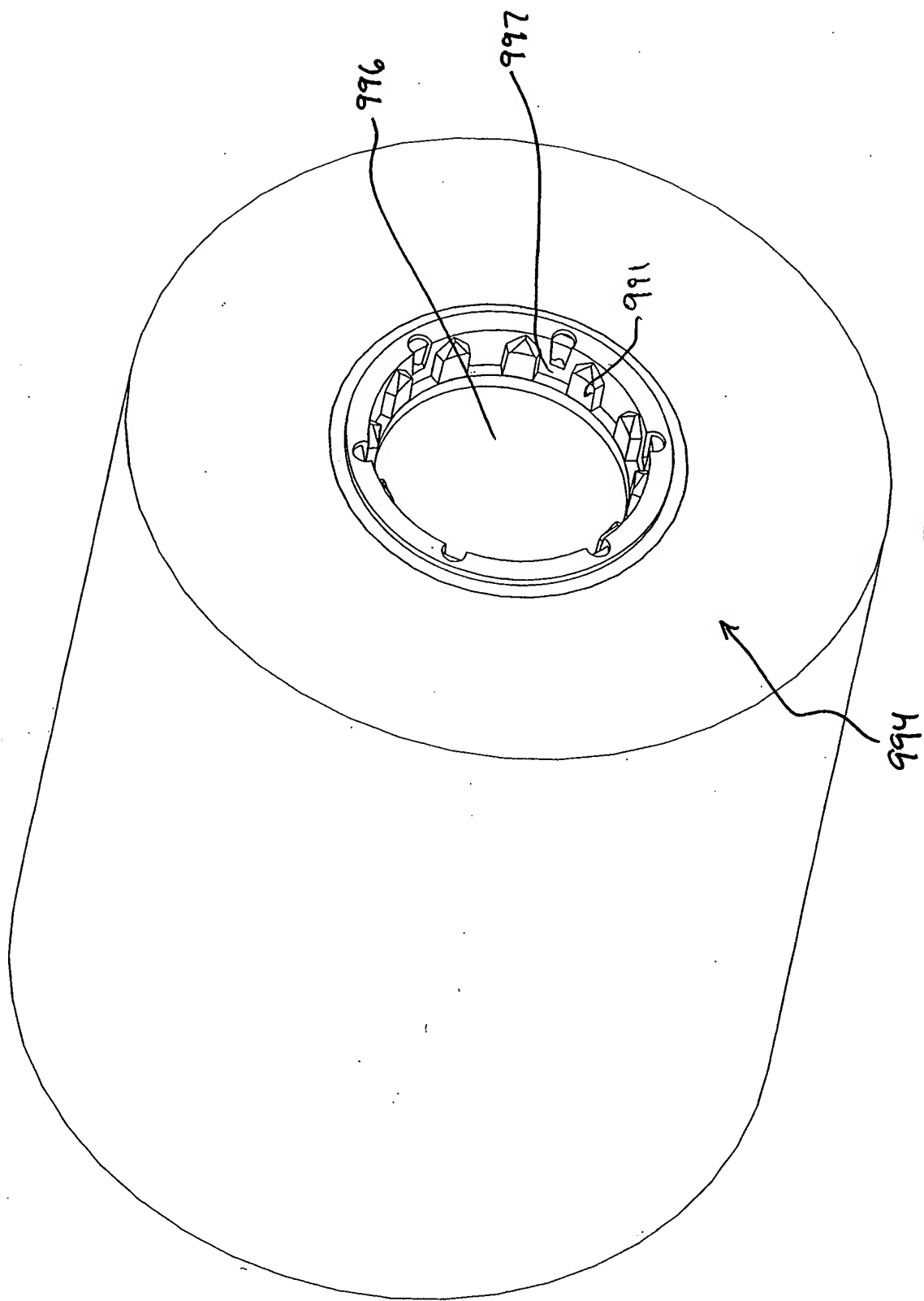


FIG. 130

FIG. 131

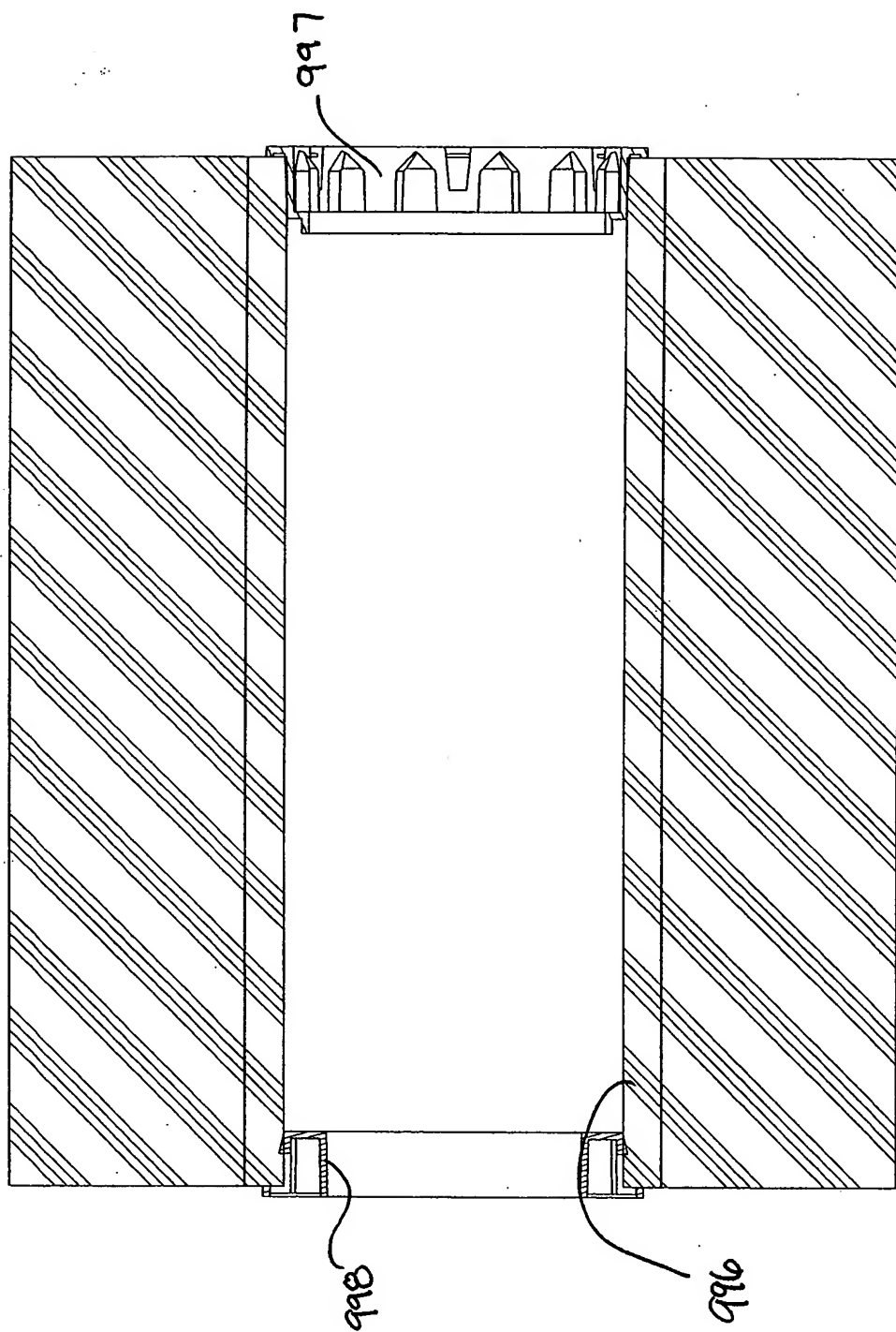
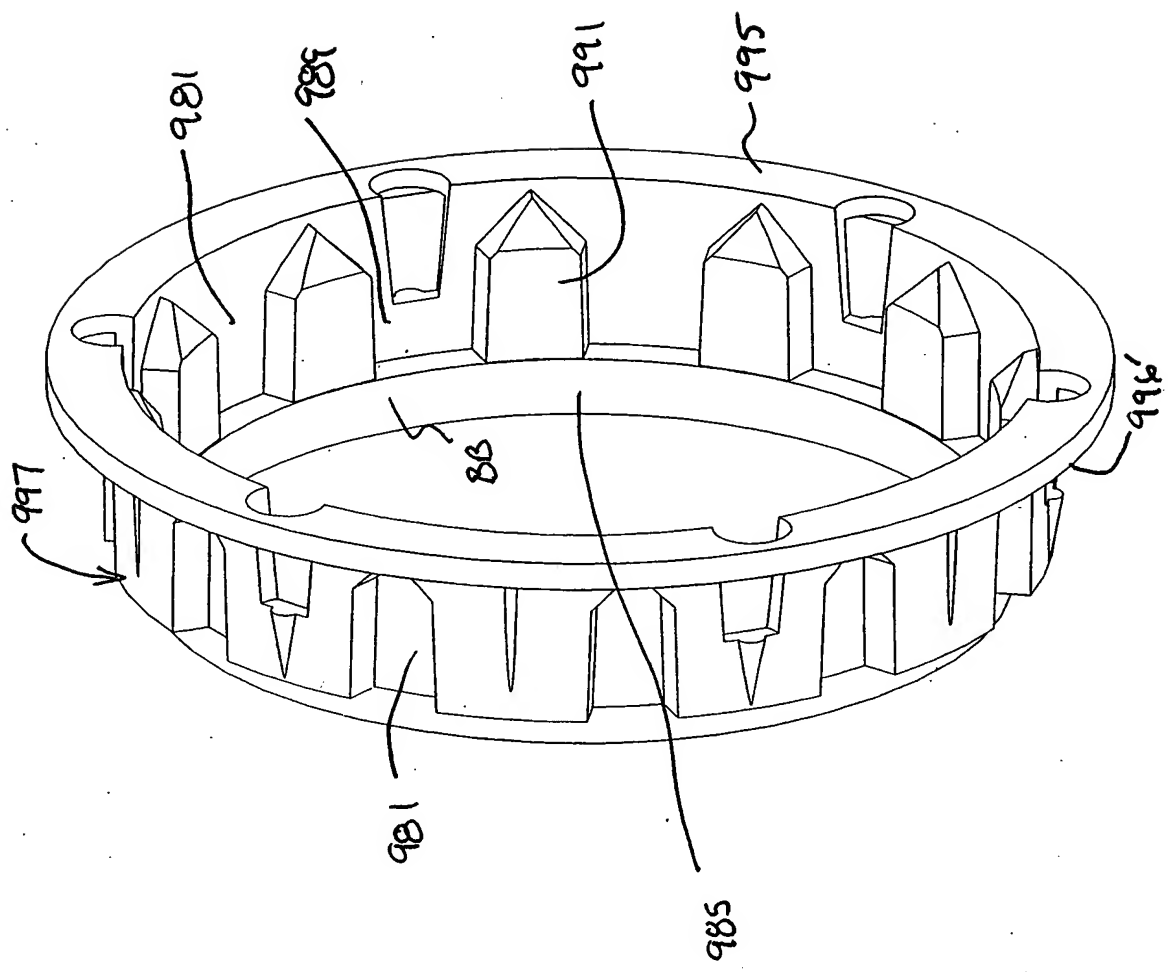


FIG. 132



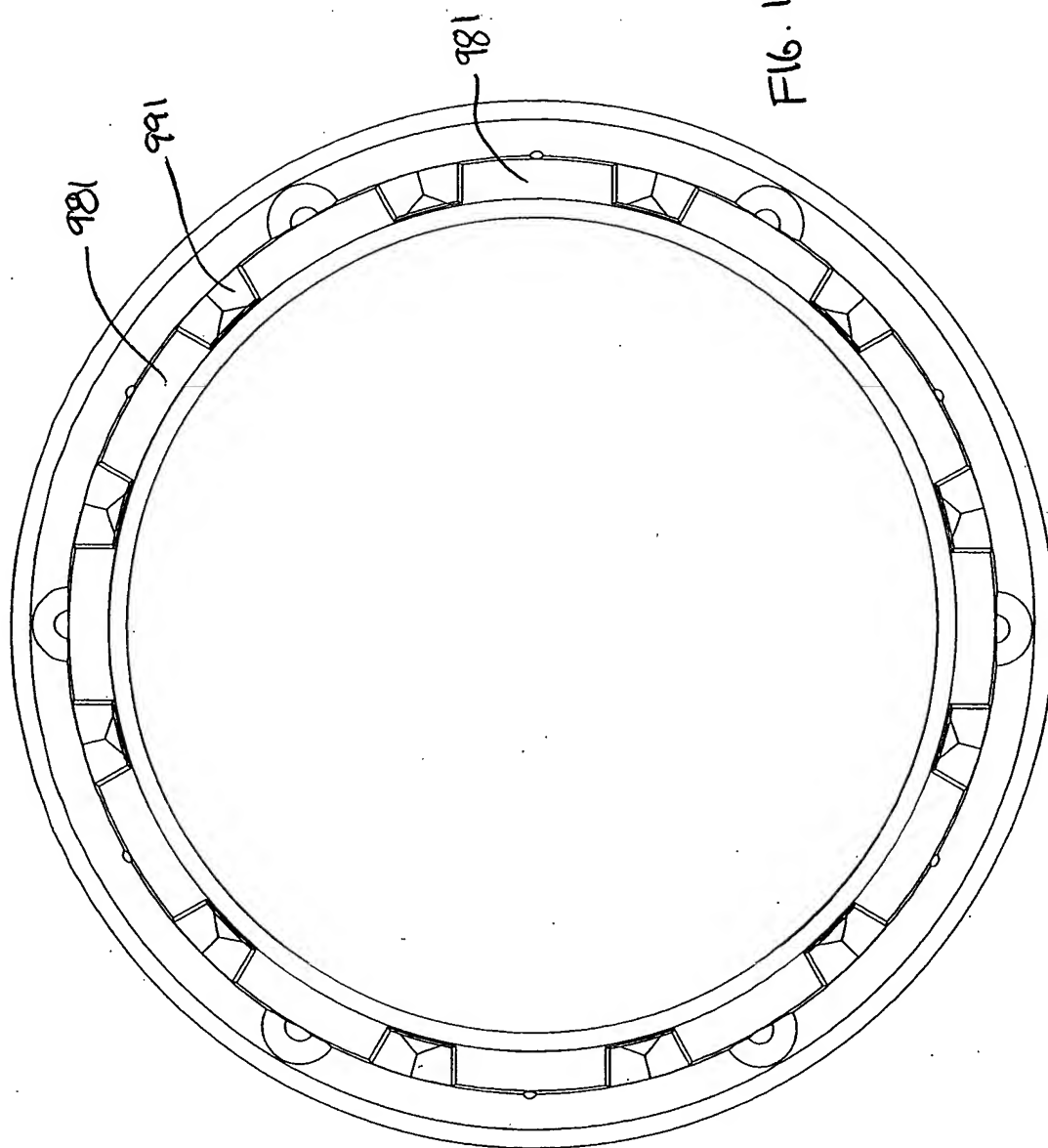
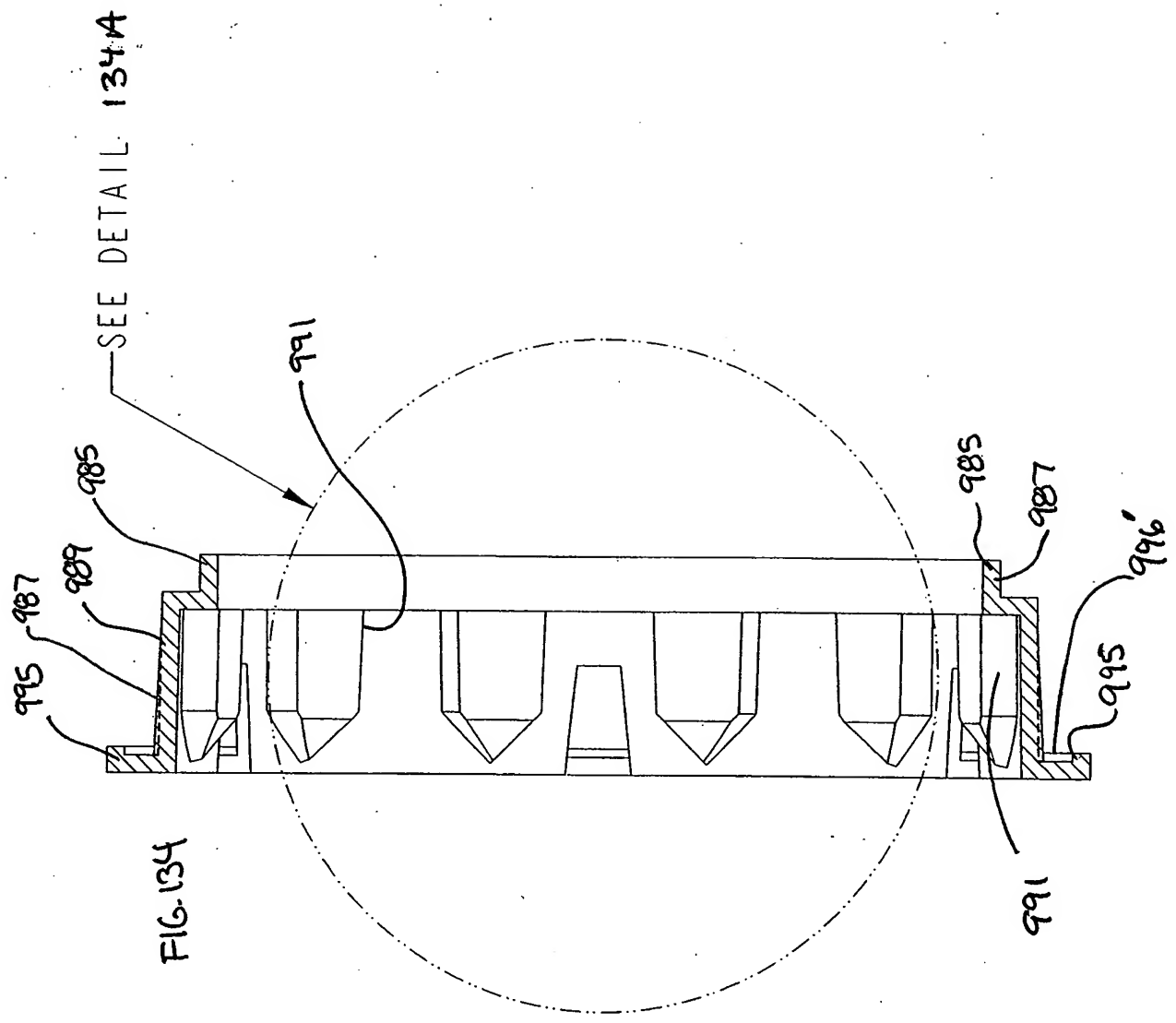


FIG. 133



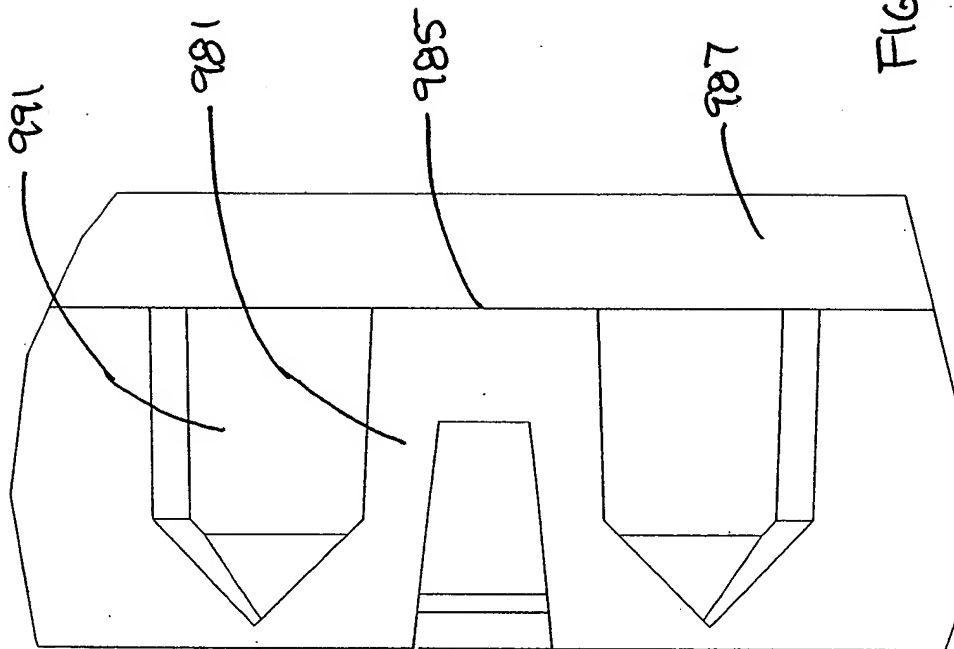
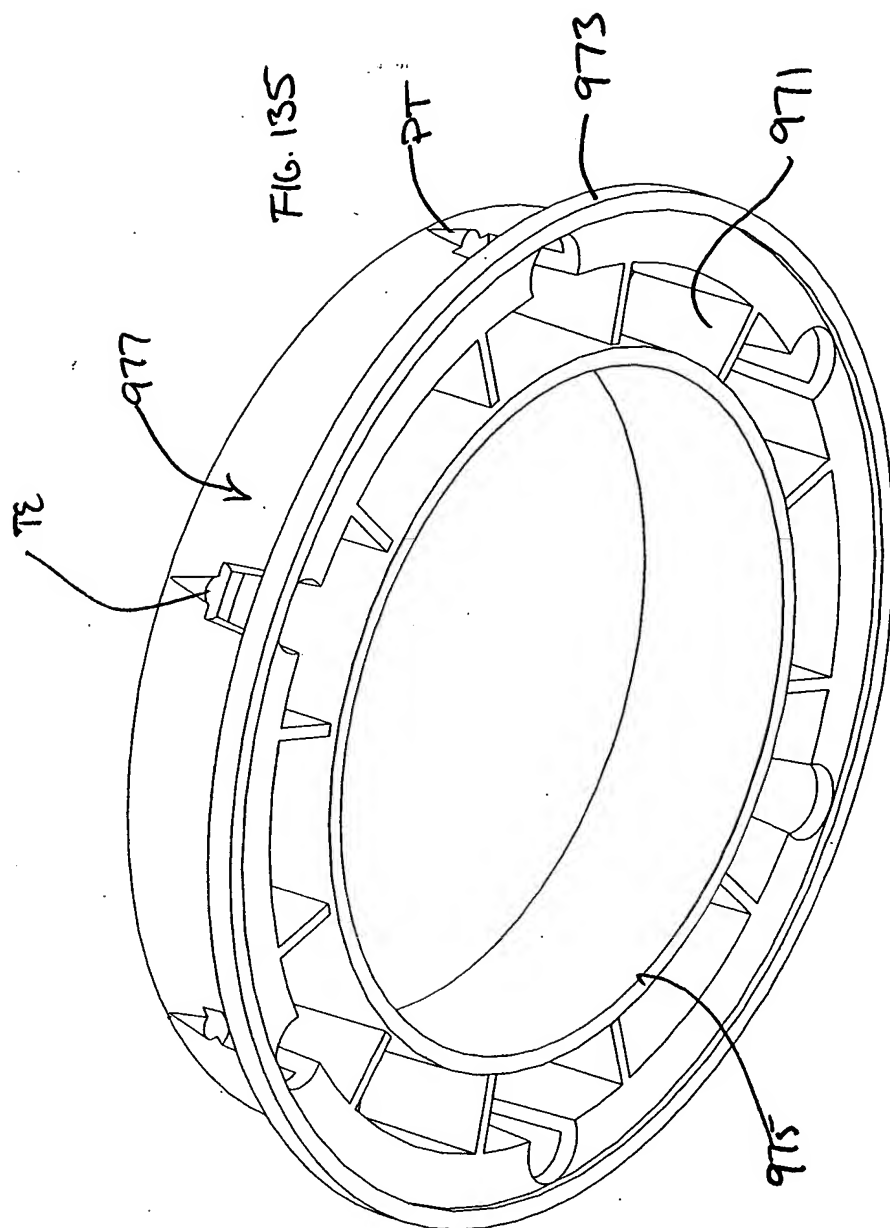


FIG. 134A



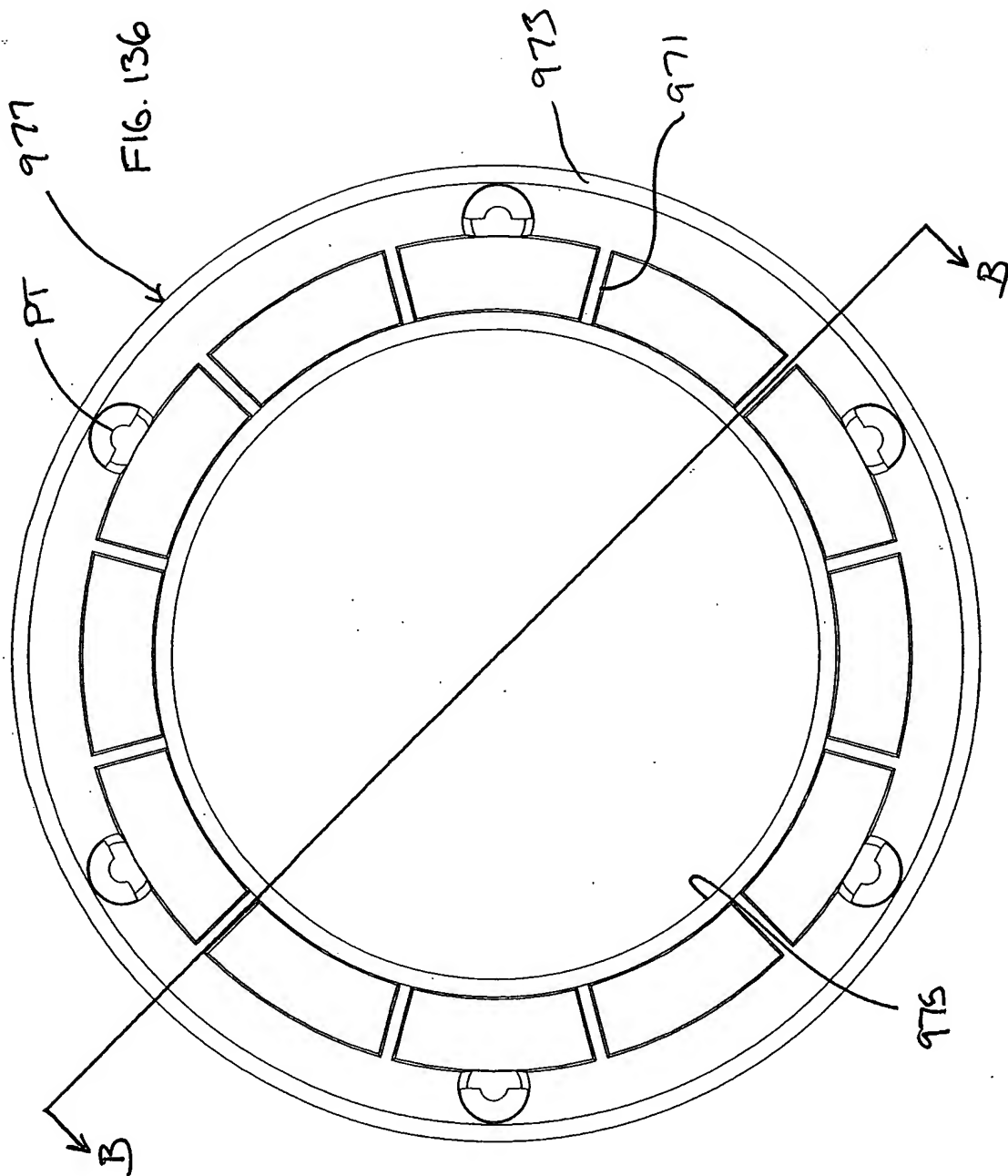


FIG. 137

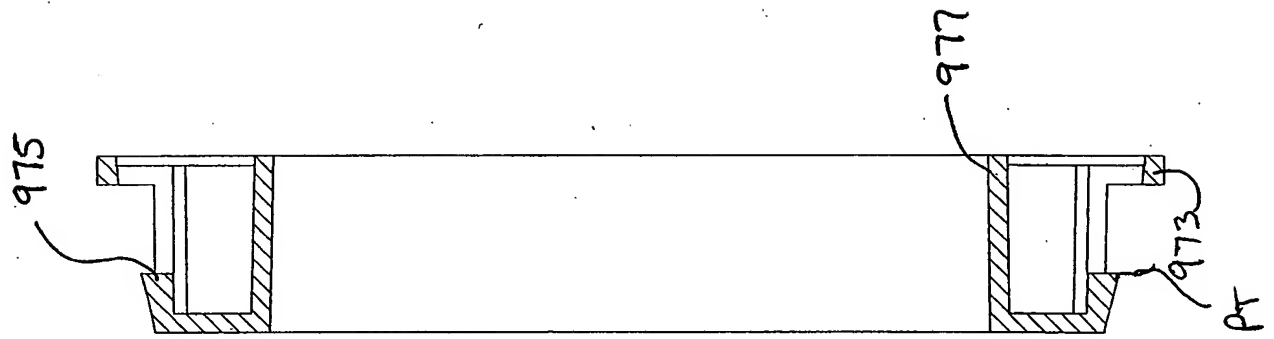
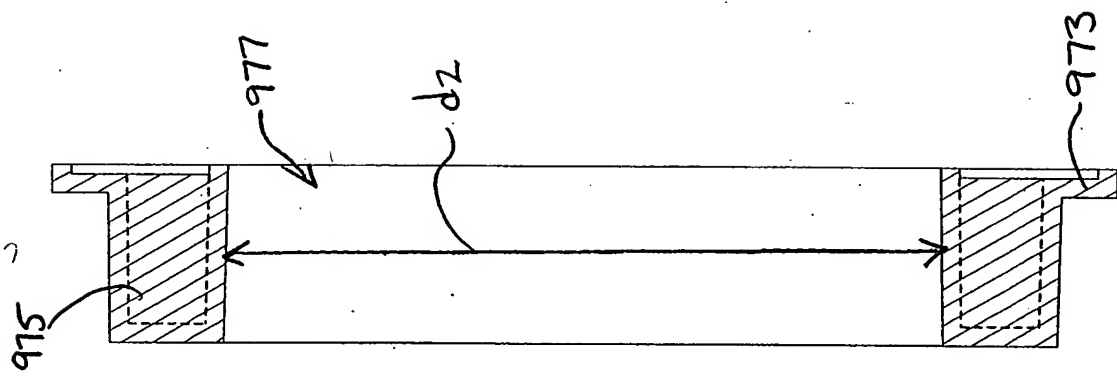
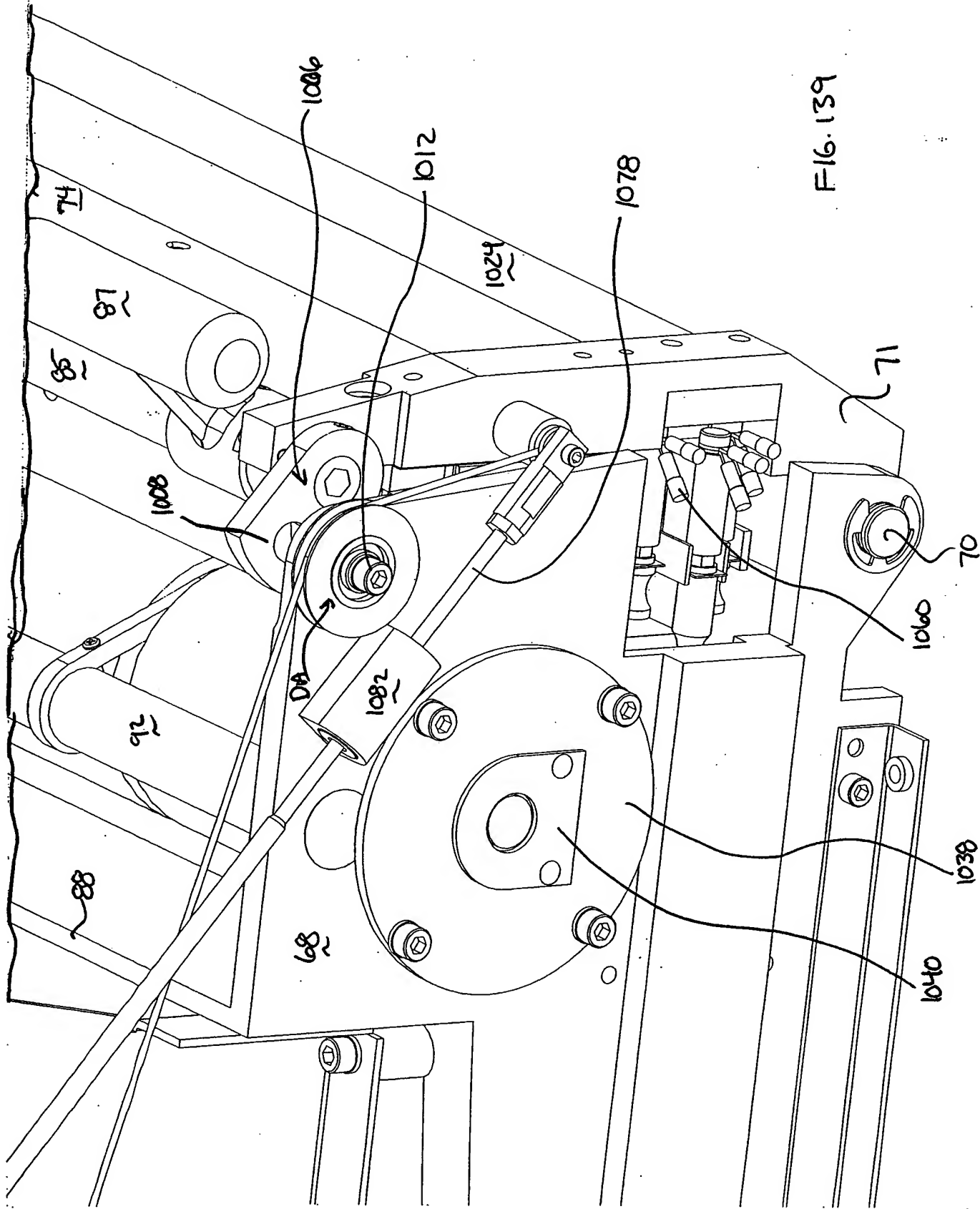
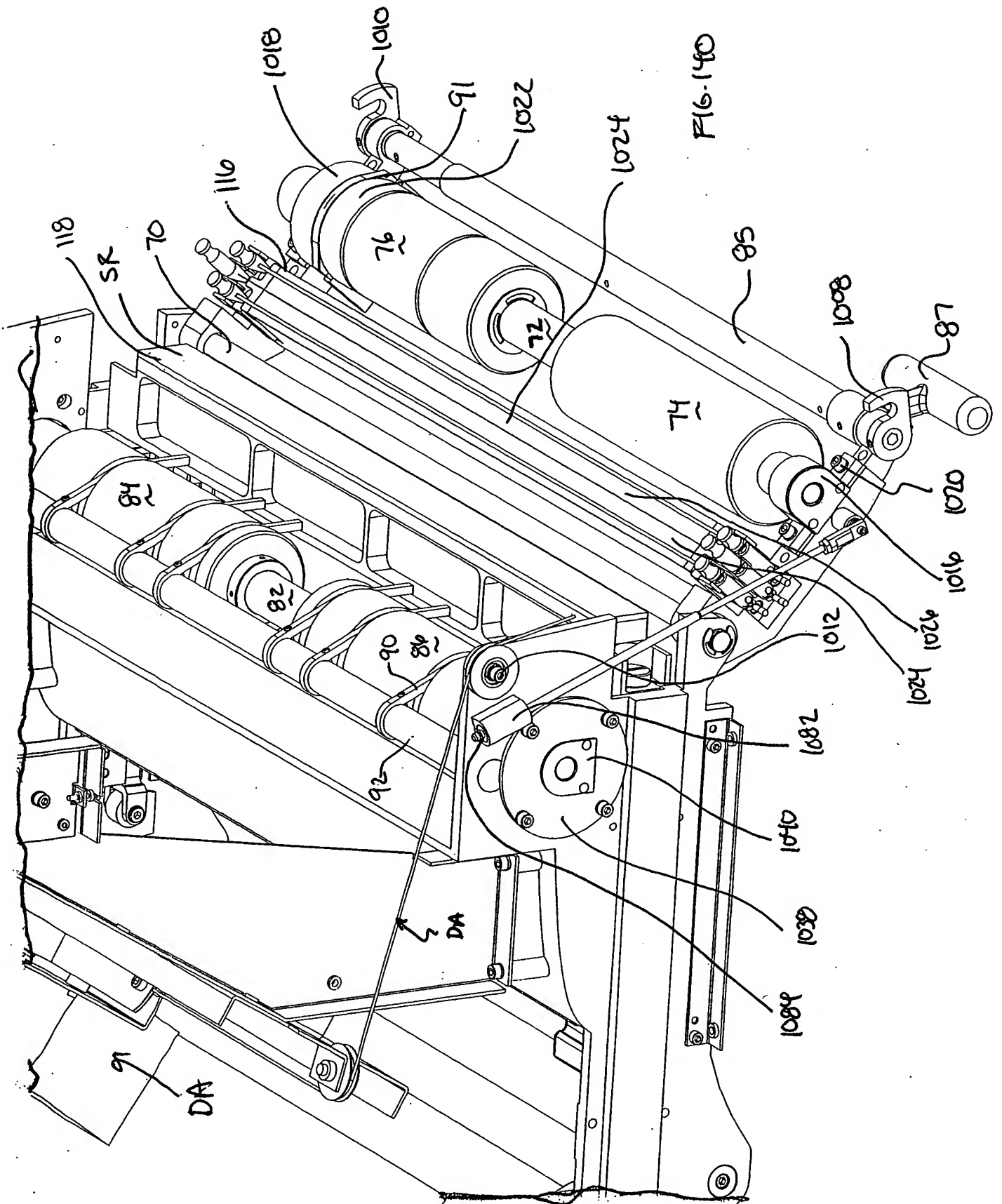


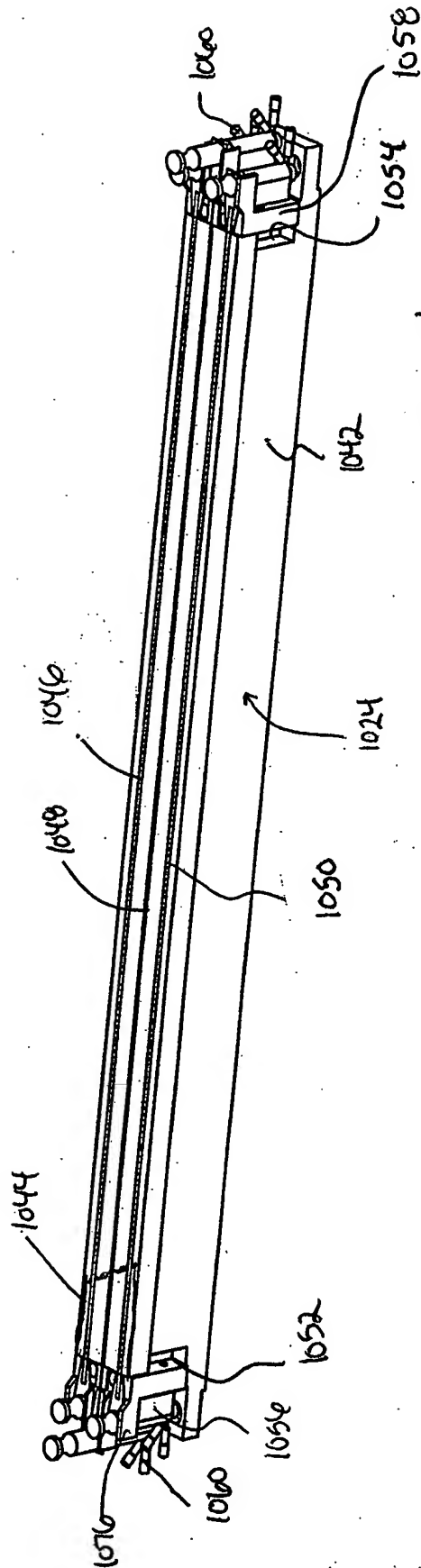
FIG. 138





F16.139





FILE 111

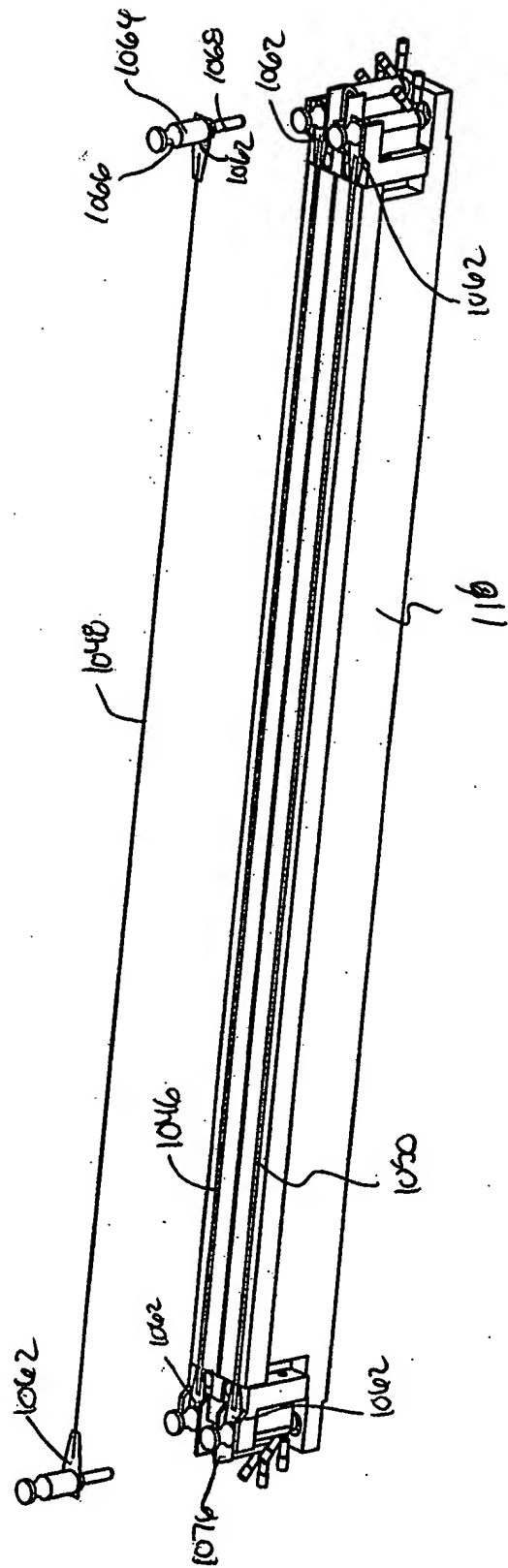


FIG 142

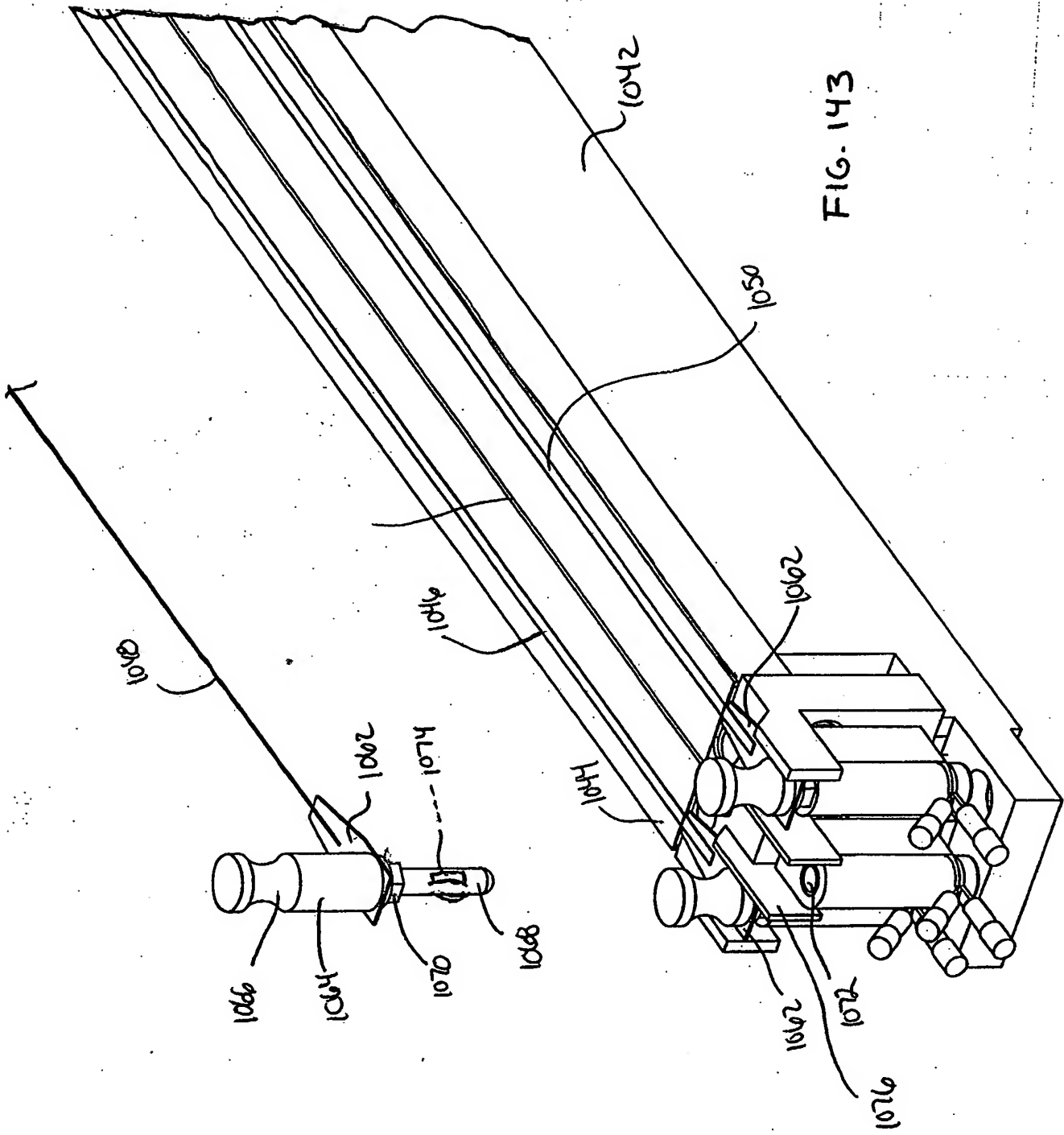


FIG. 143

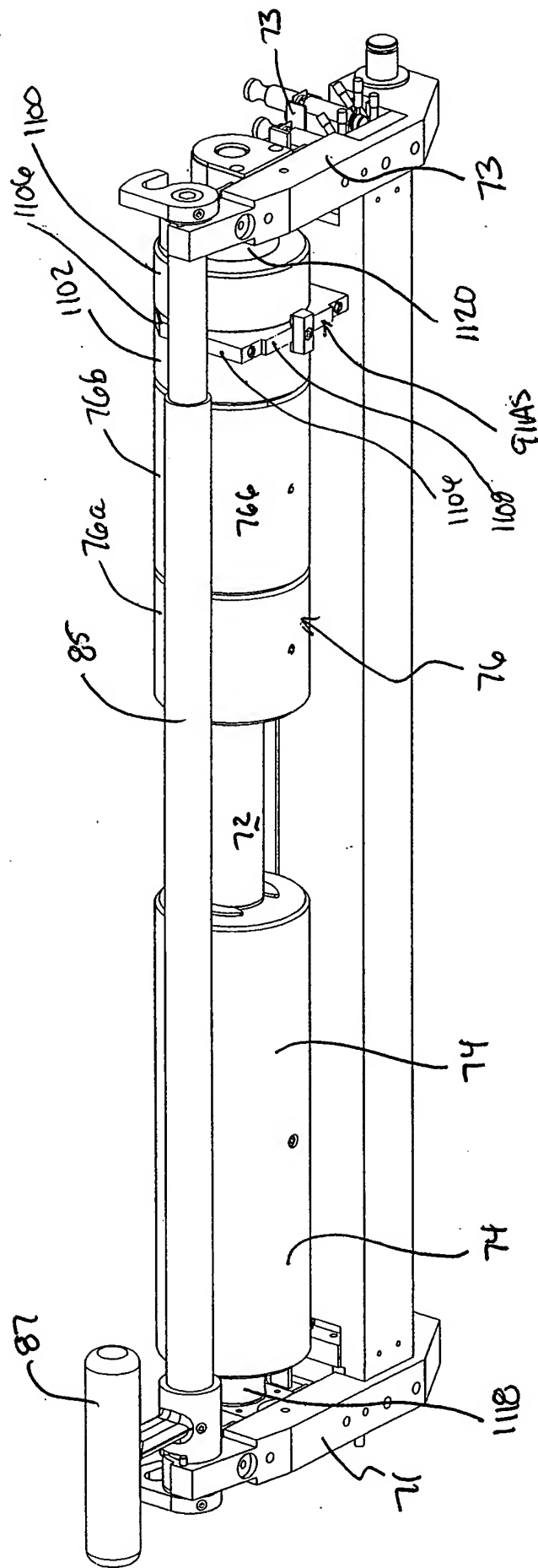


FIG. 144

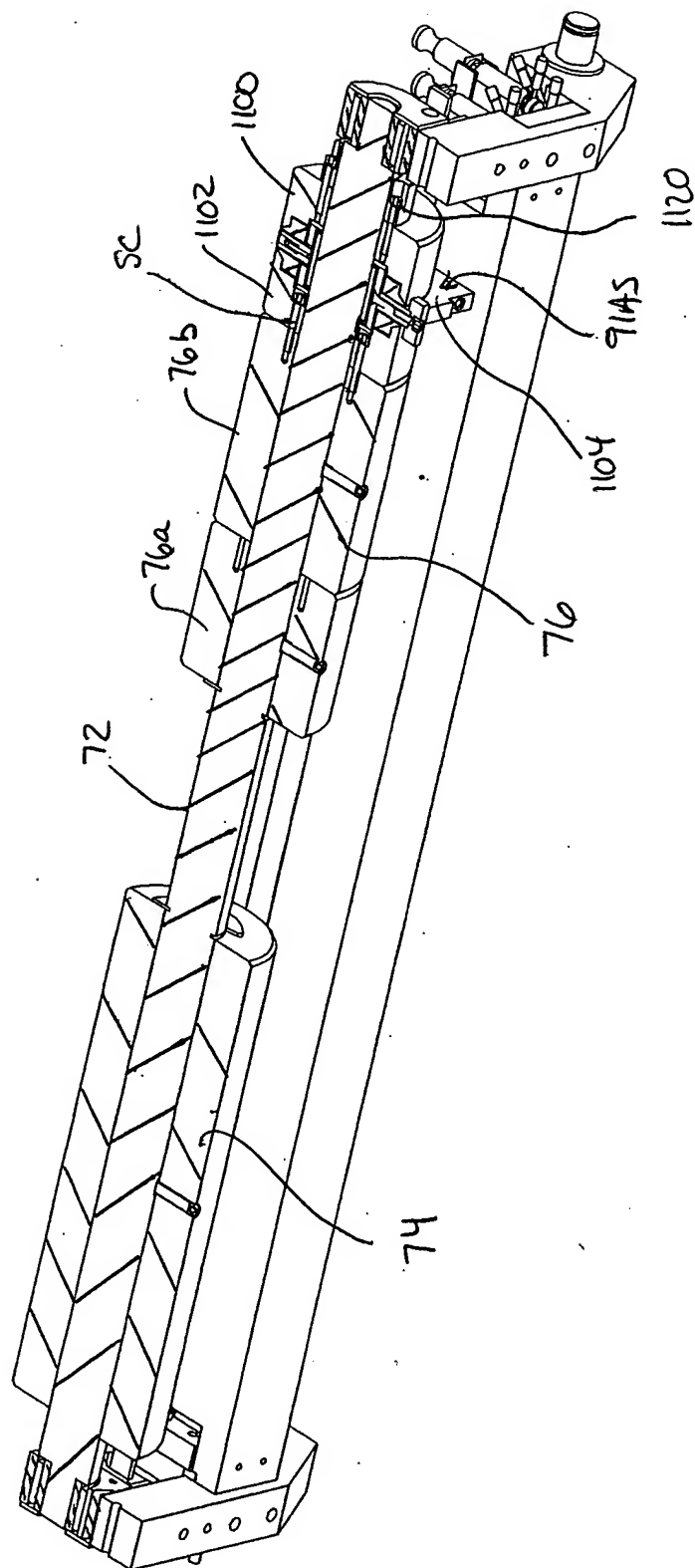


FIG. 145

FL6.146.

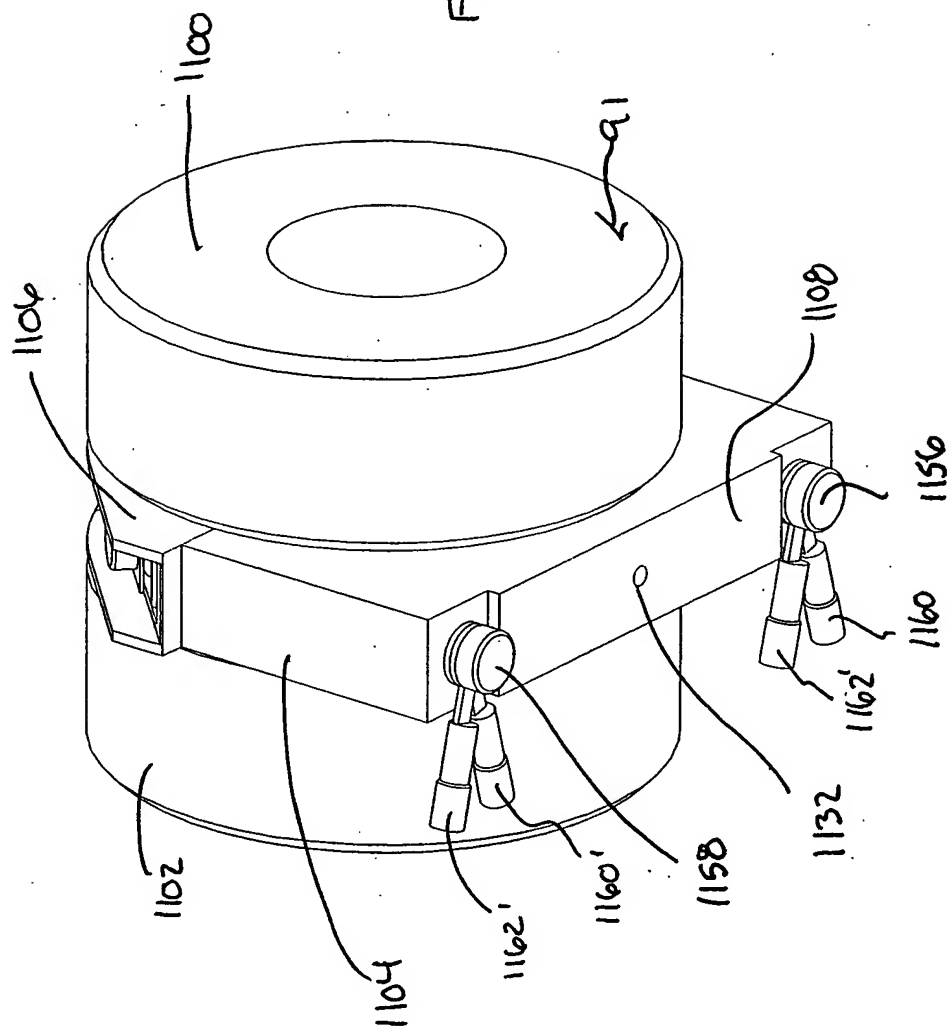


FIG. 146A

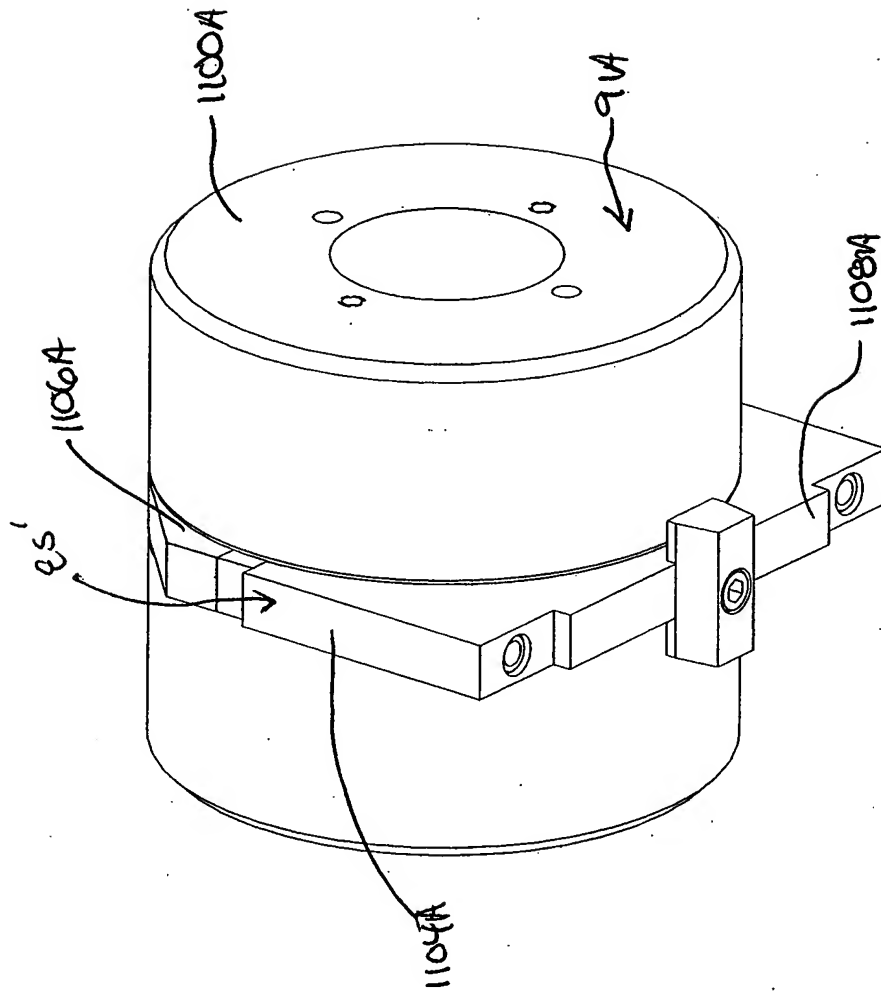


FIG. 147

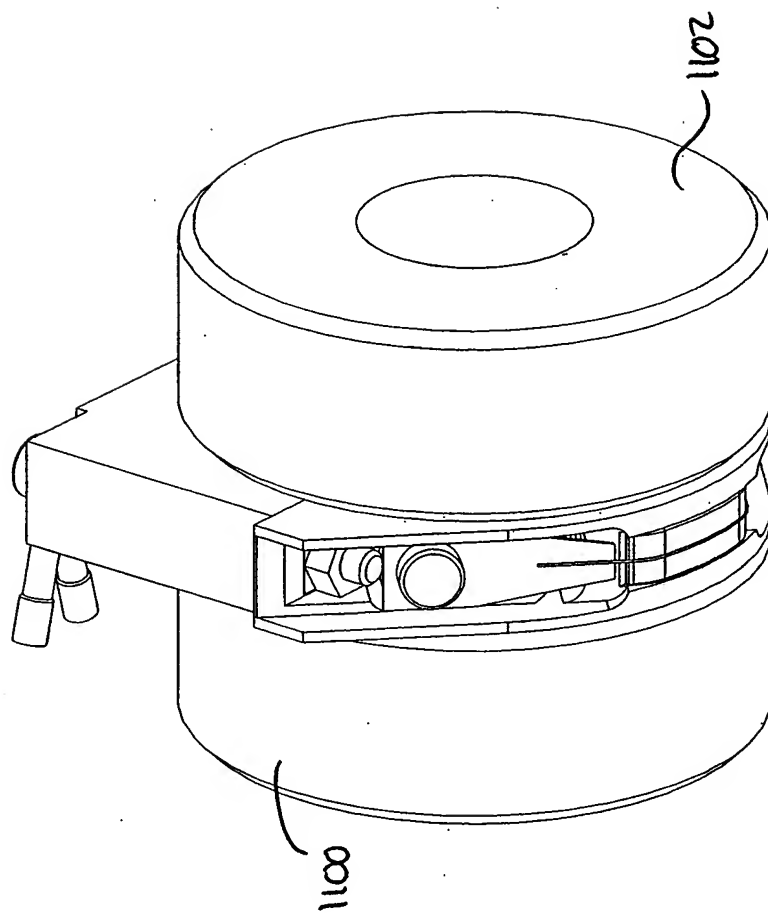
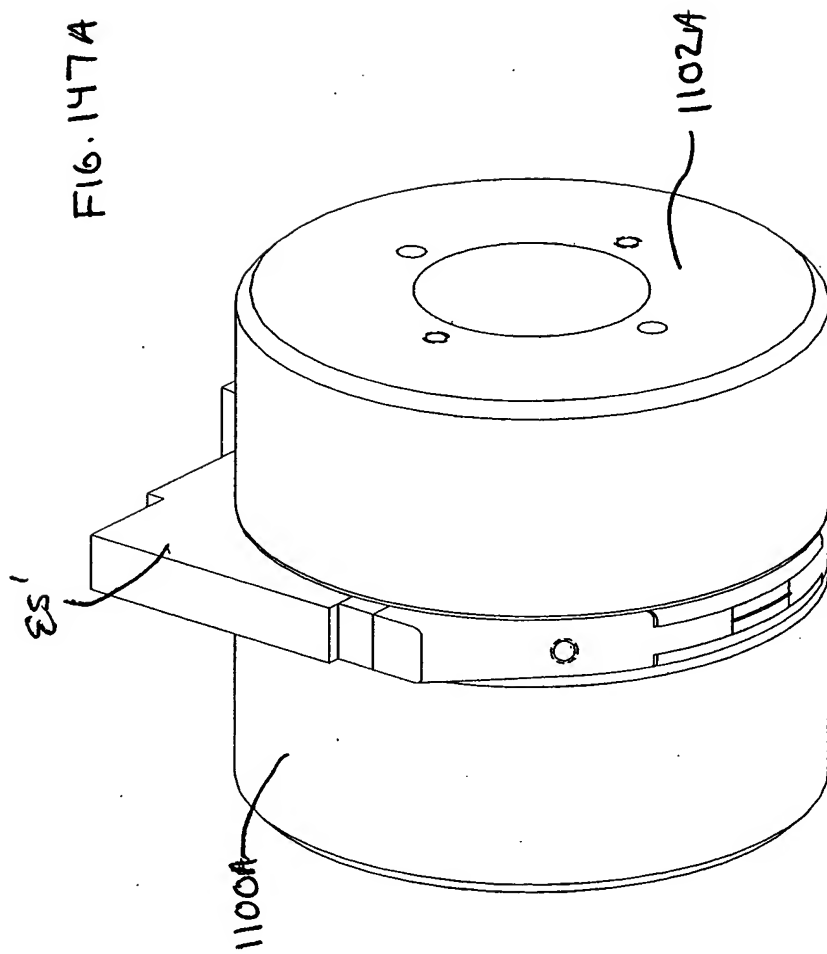


FIG. 147A



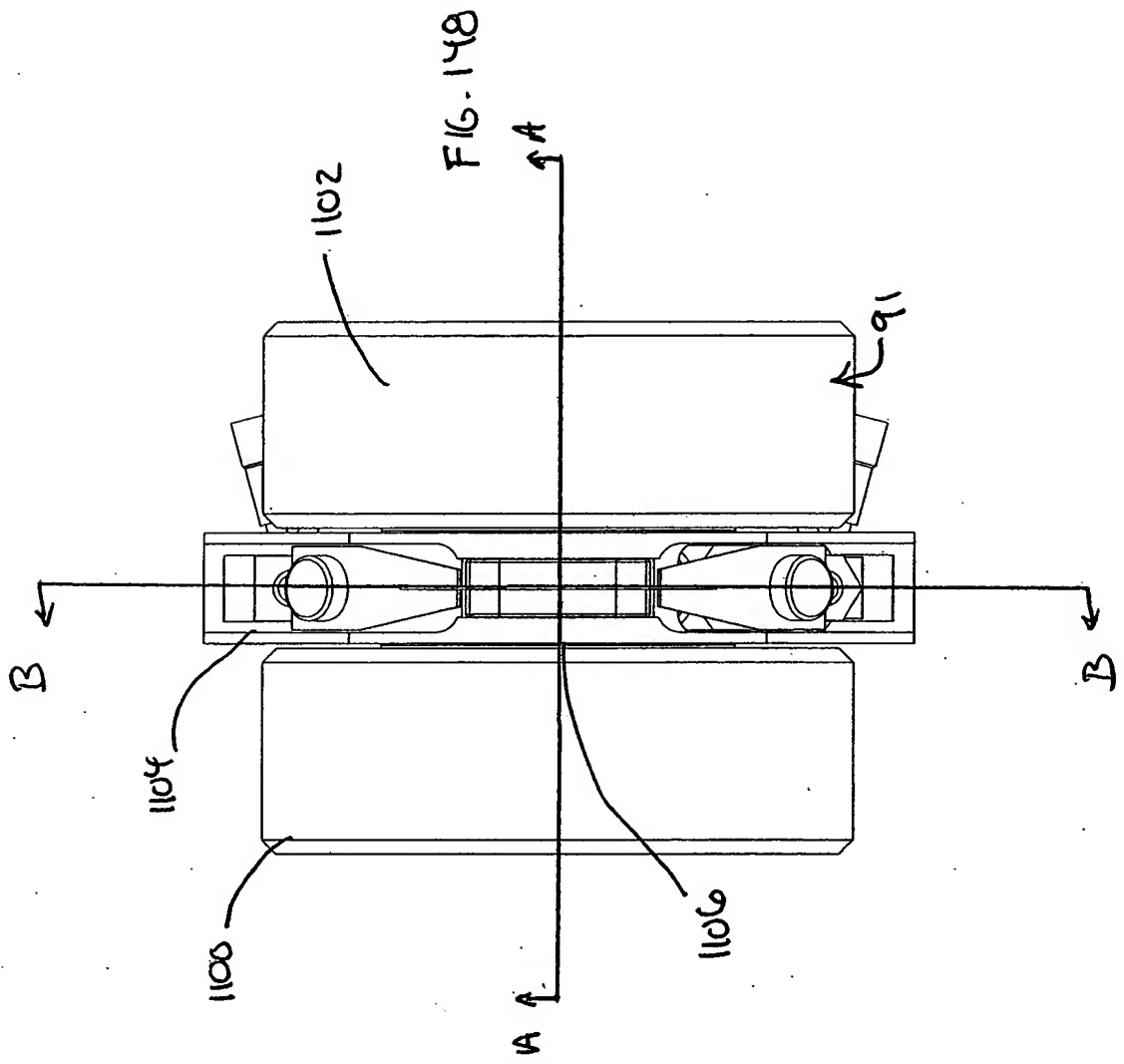
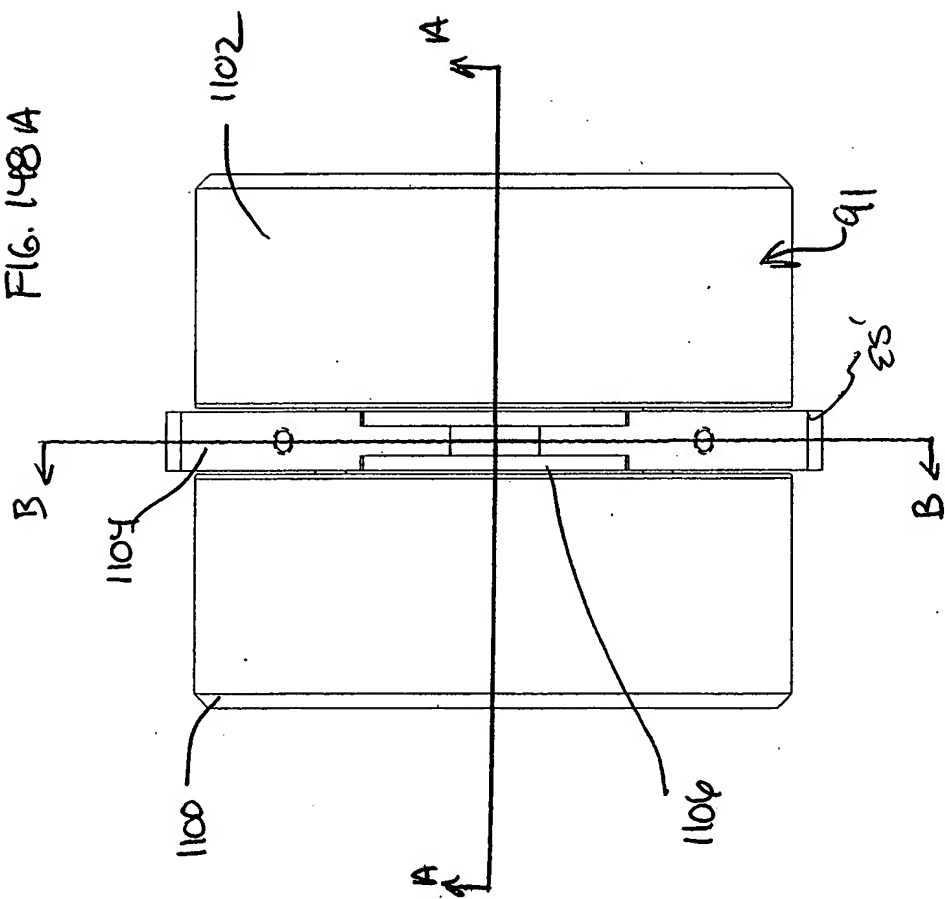


FIG. 148A



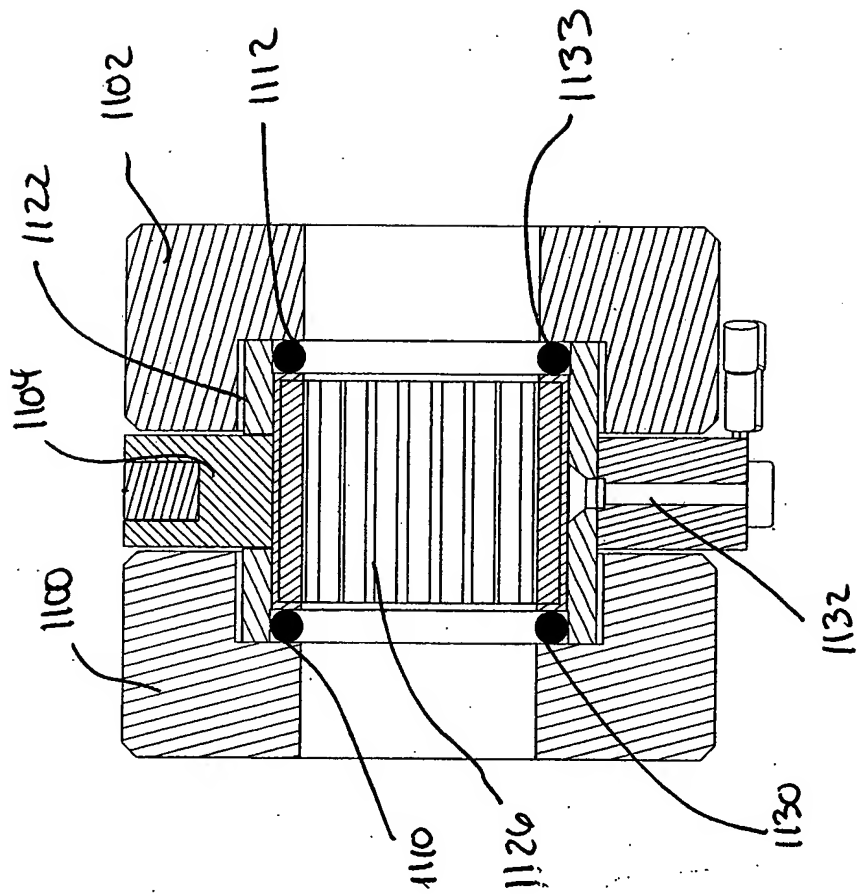


FIG. 149

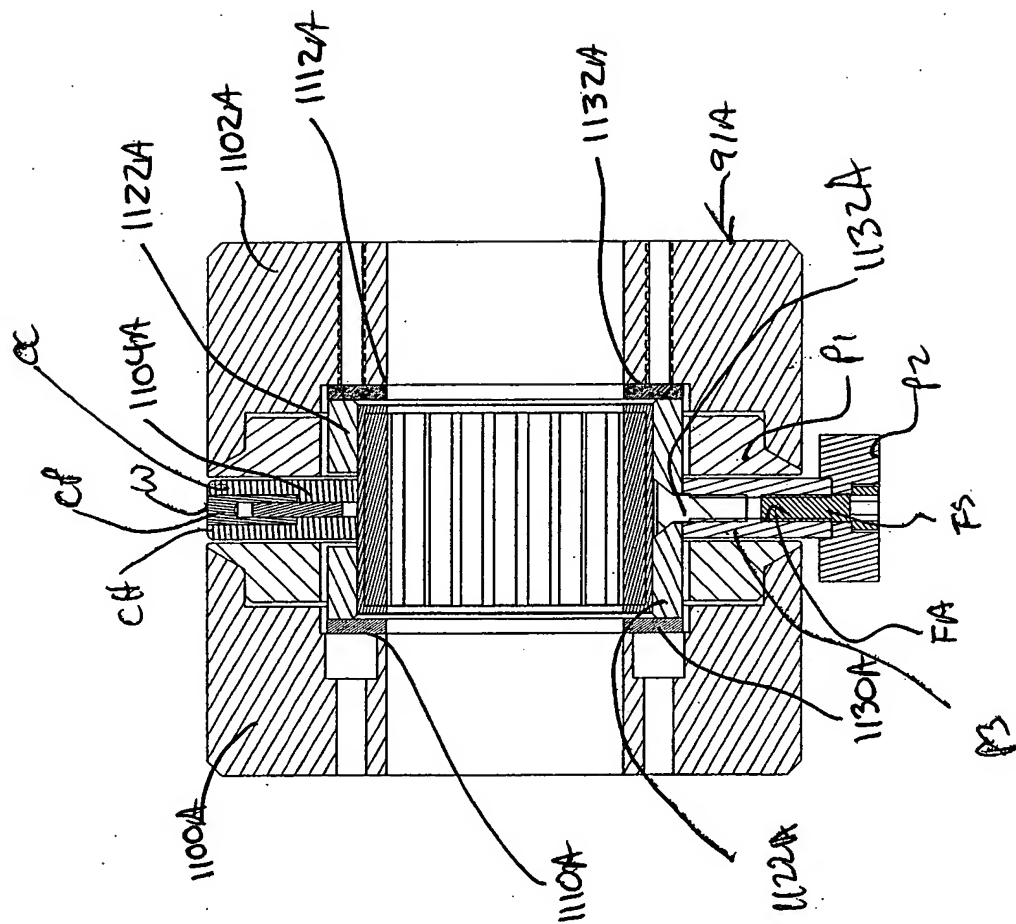


FIG. 149A

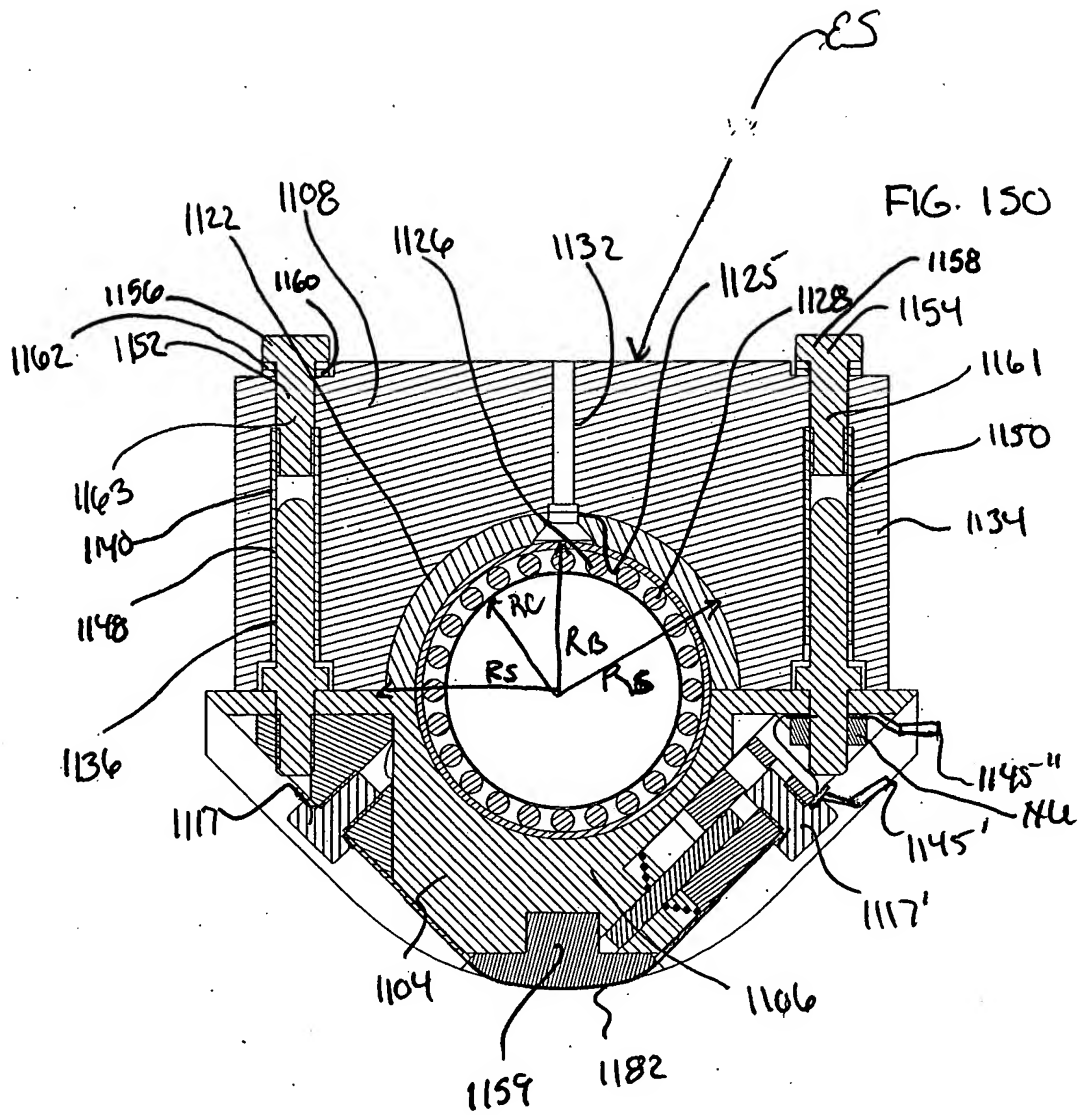


FIG. 1504A

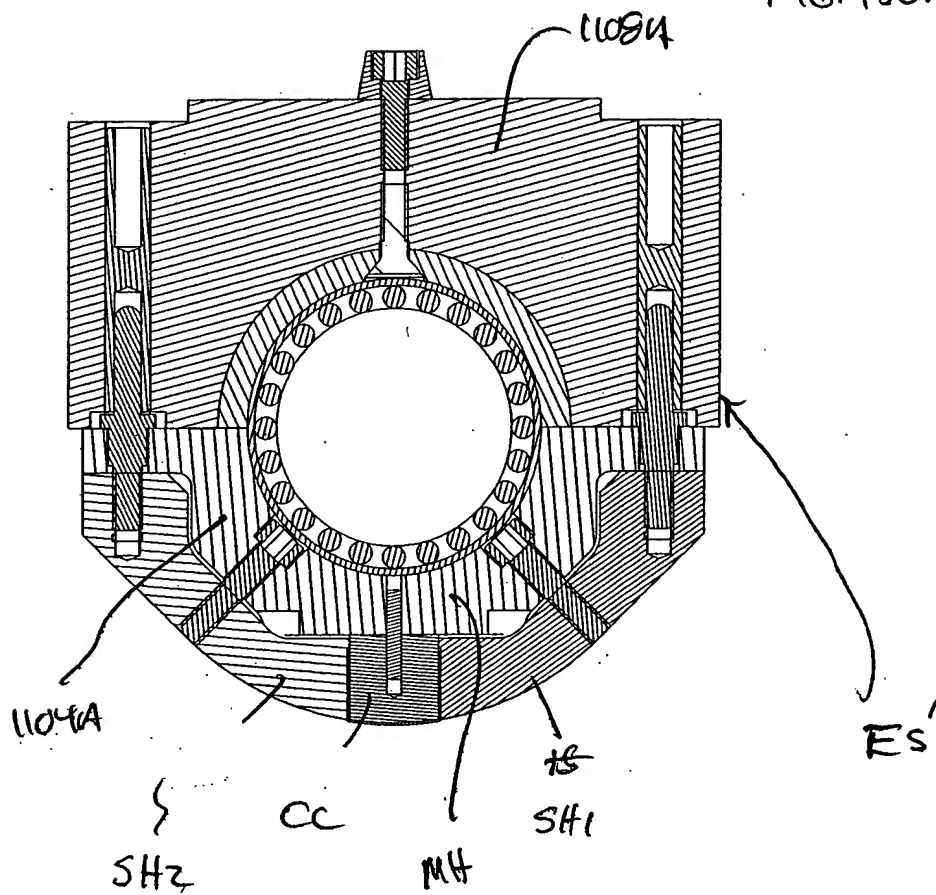


FIG. 151

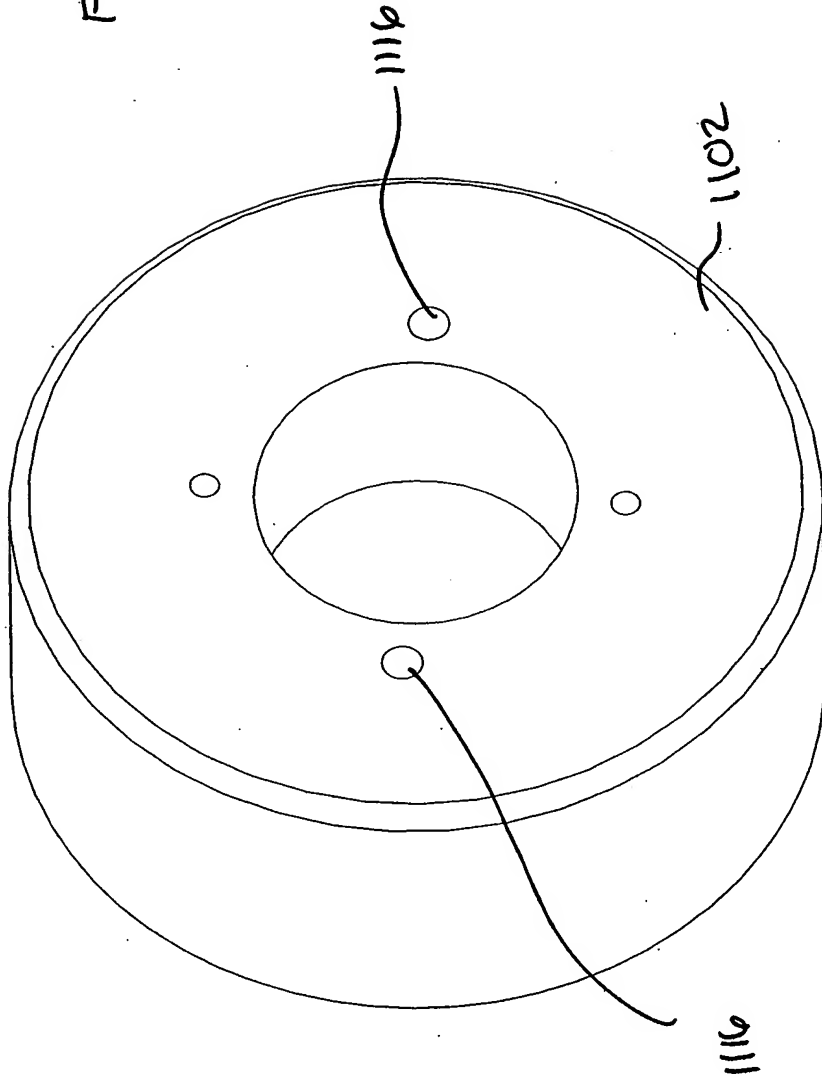


FIG. 151A

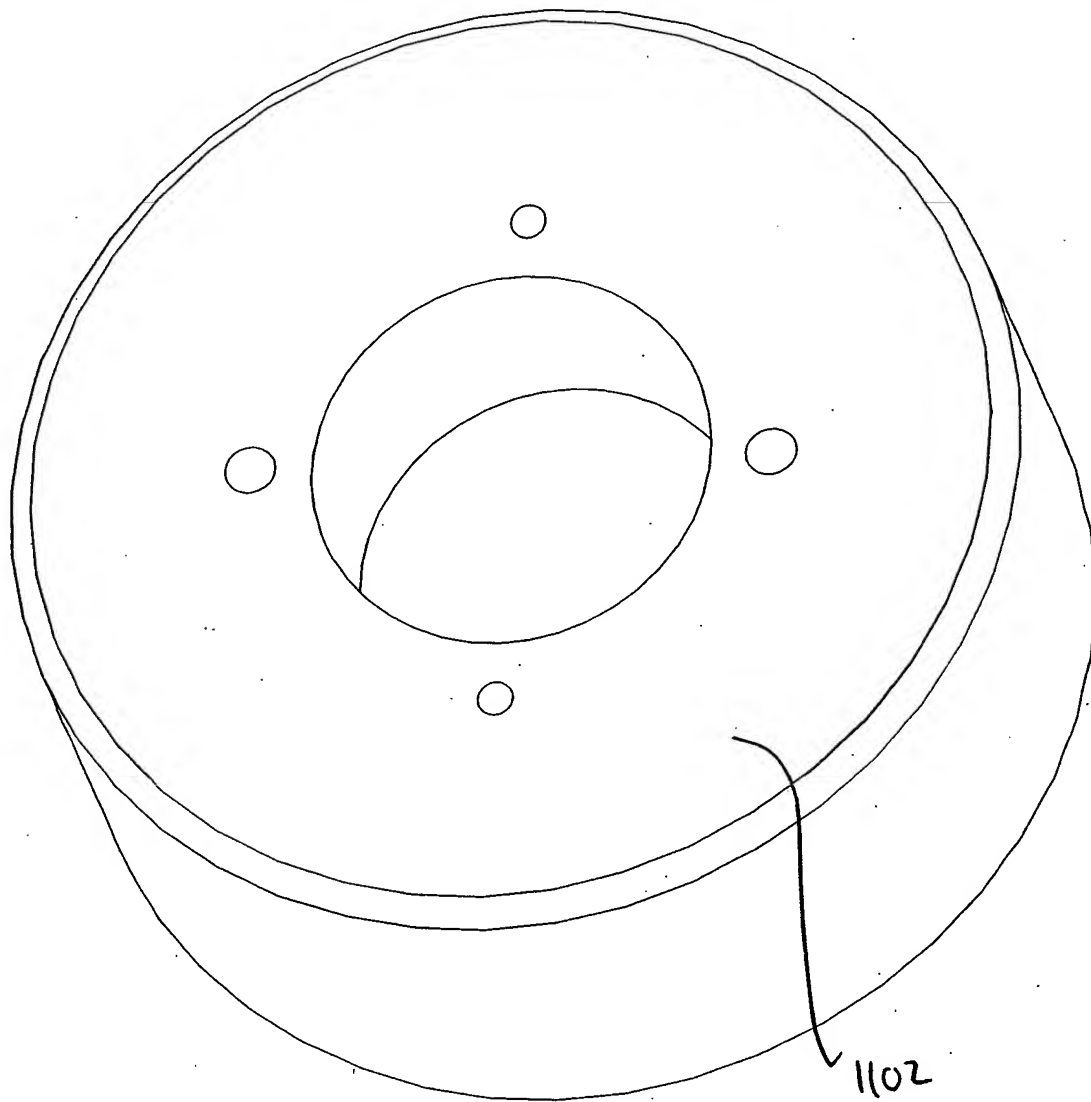


FIG. 152

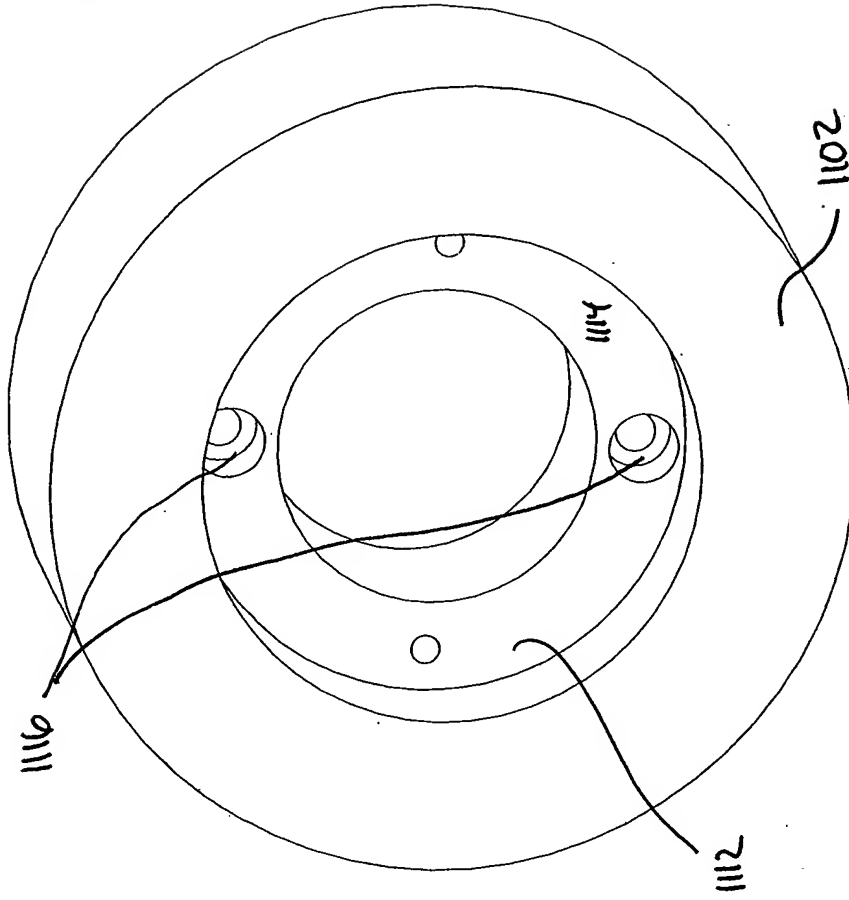


FIG. 152A

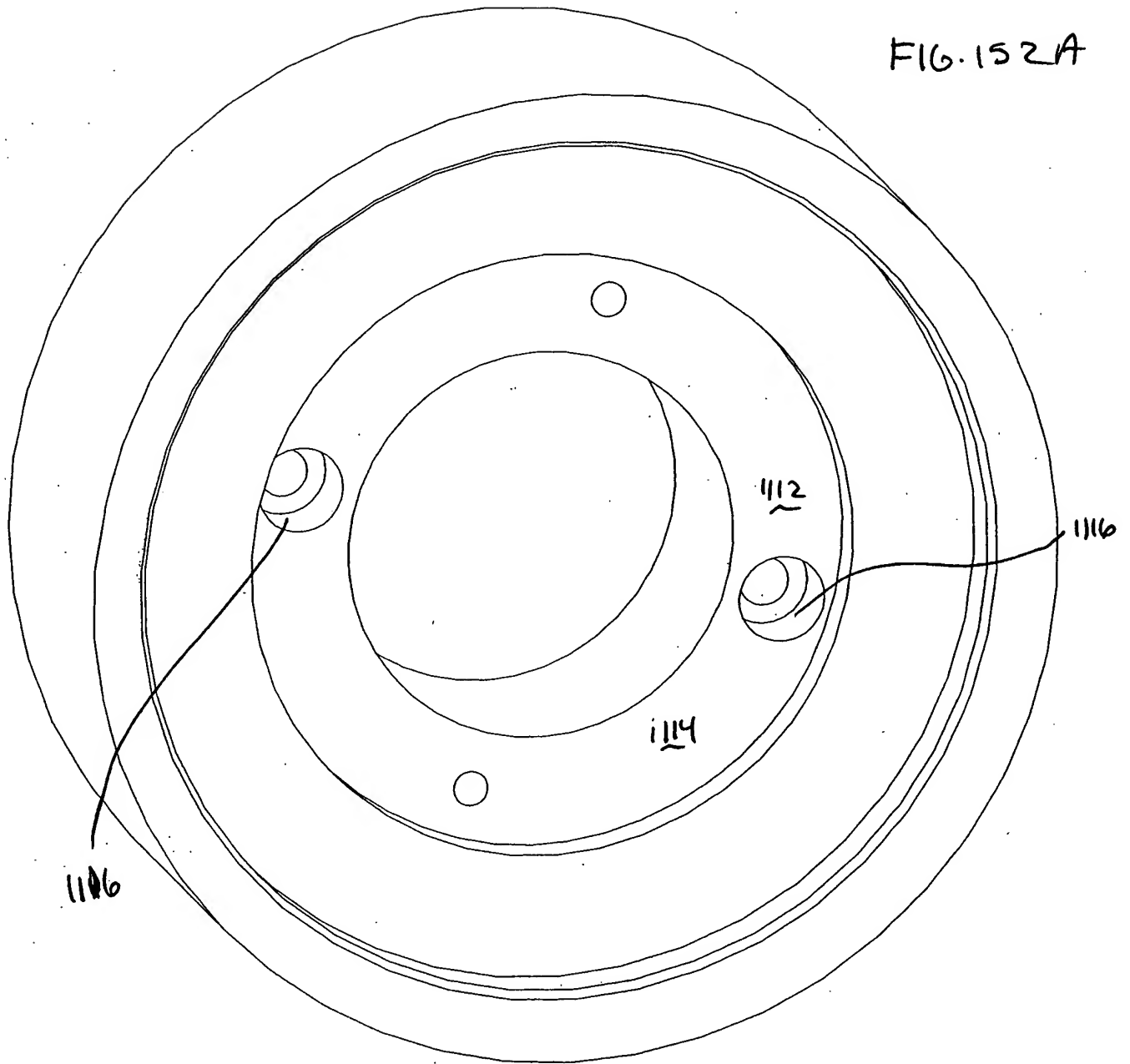
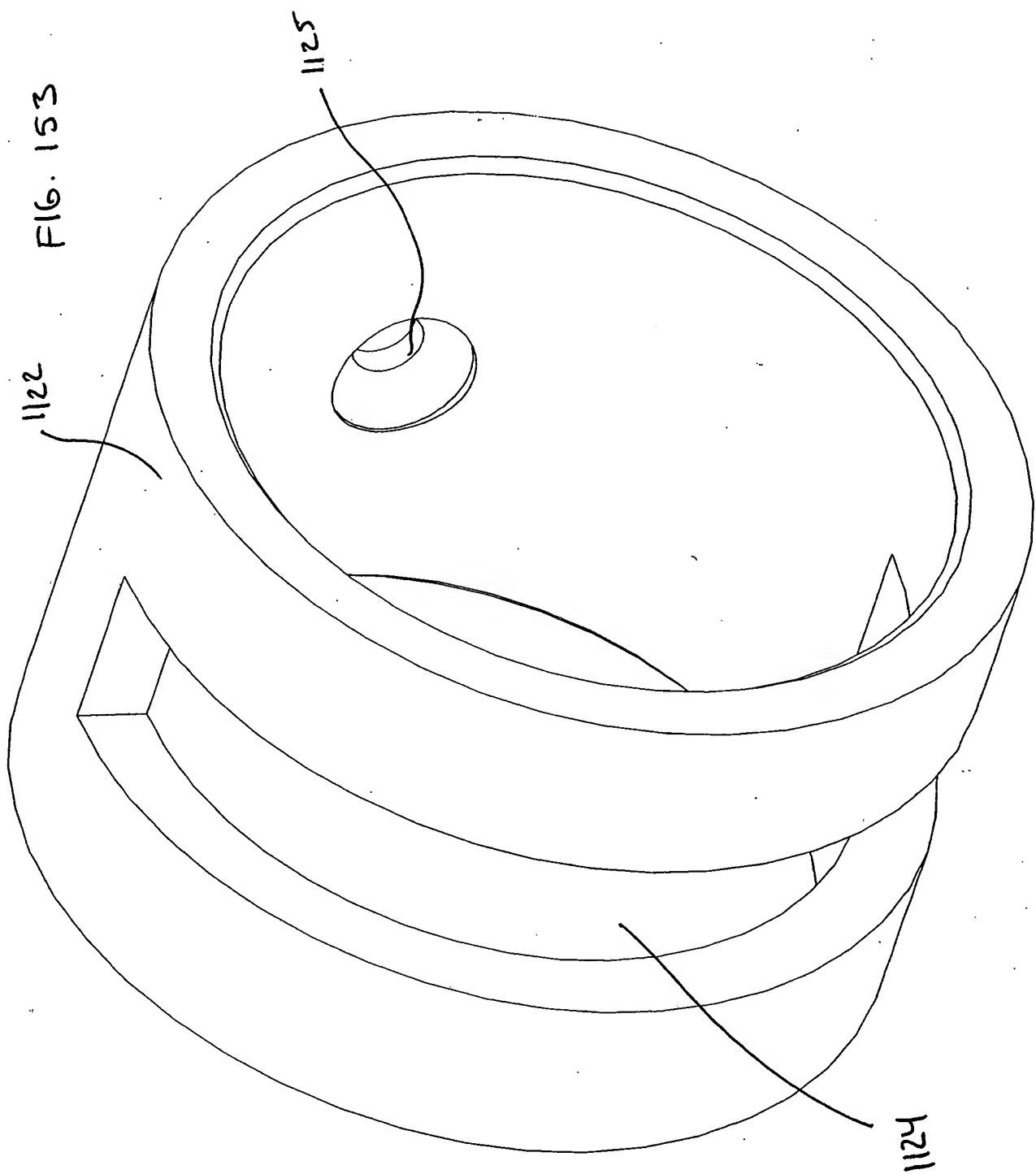


FIG. 153



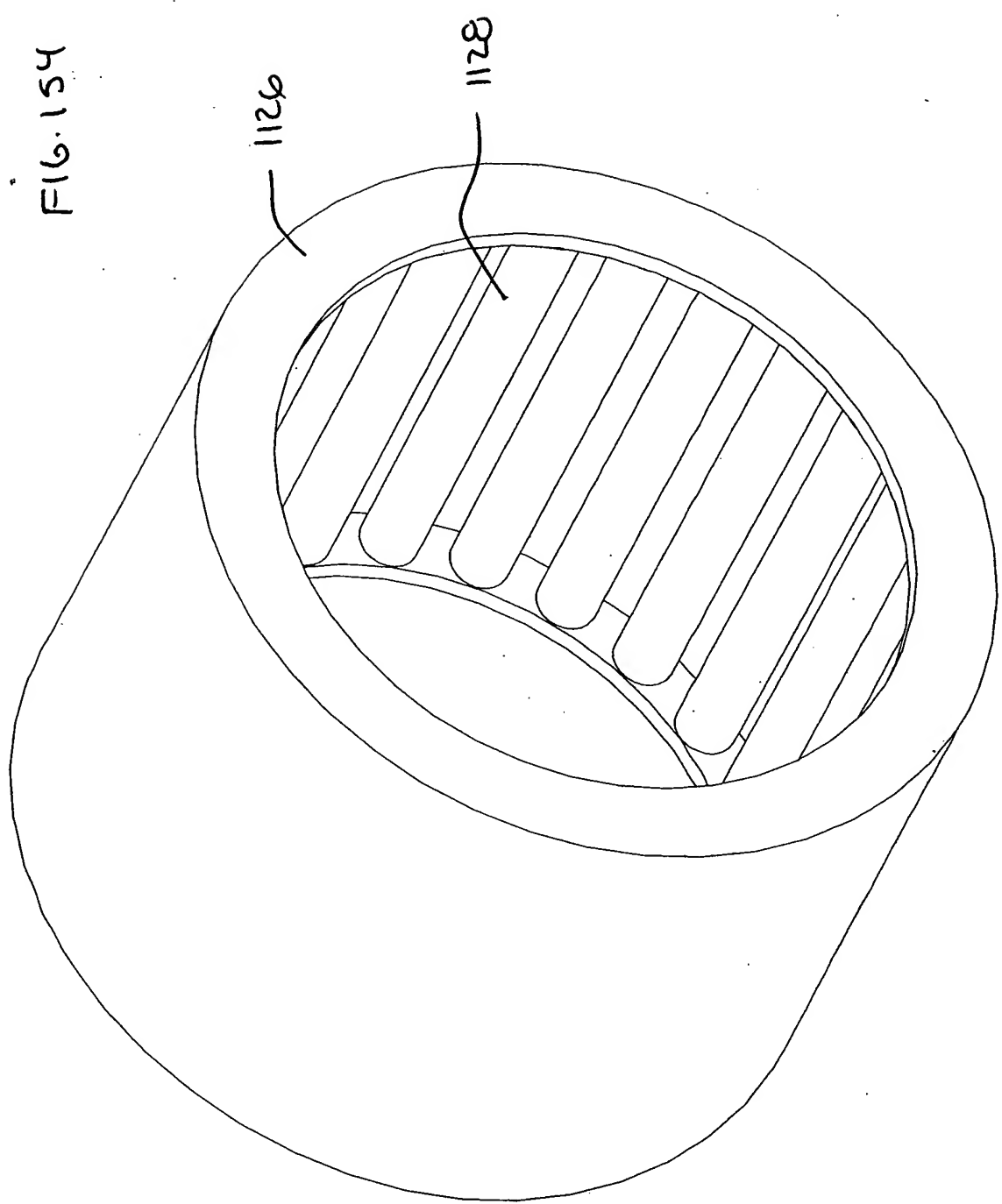
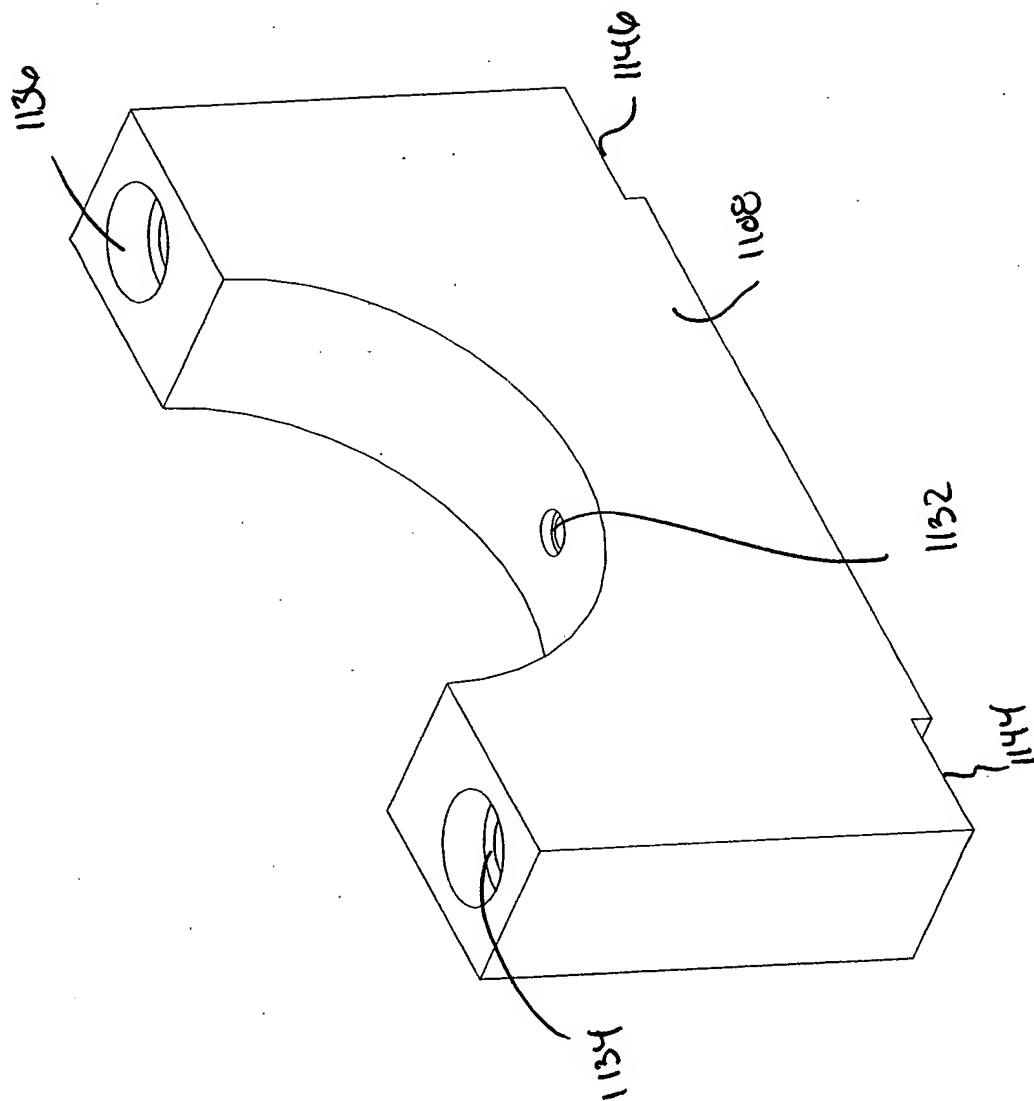


FIG. 154

FIG. 155



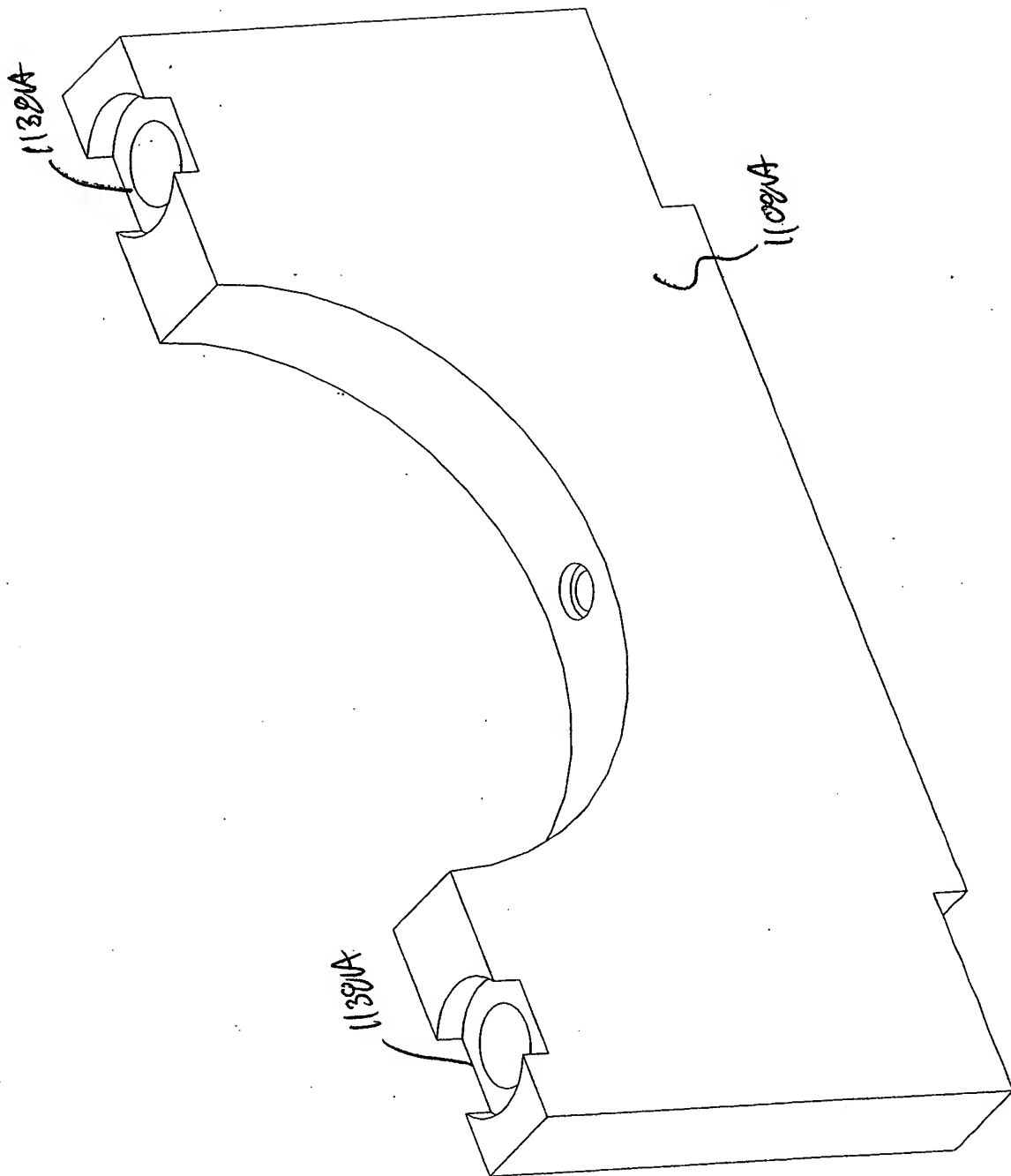


FIG. 155A

Fig. 156

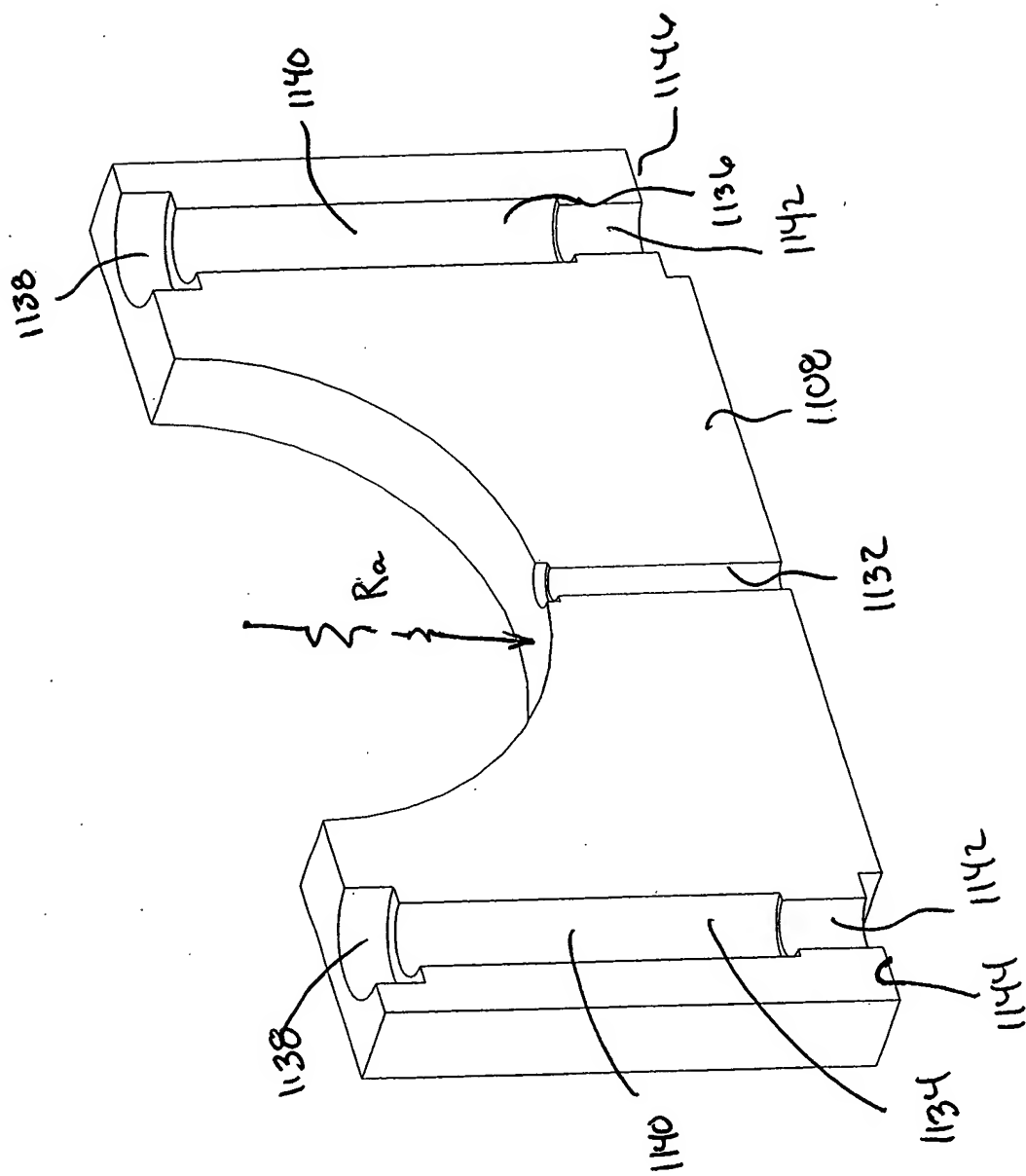
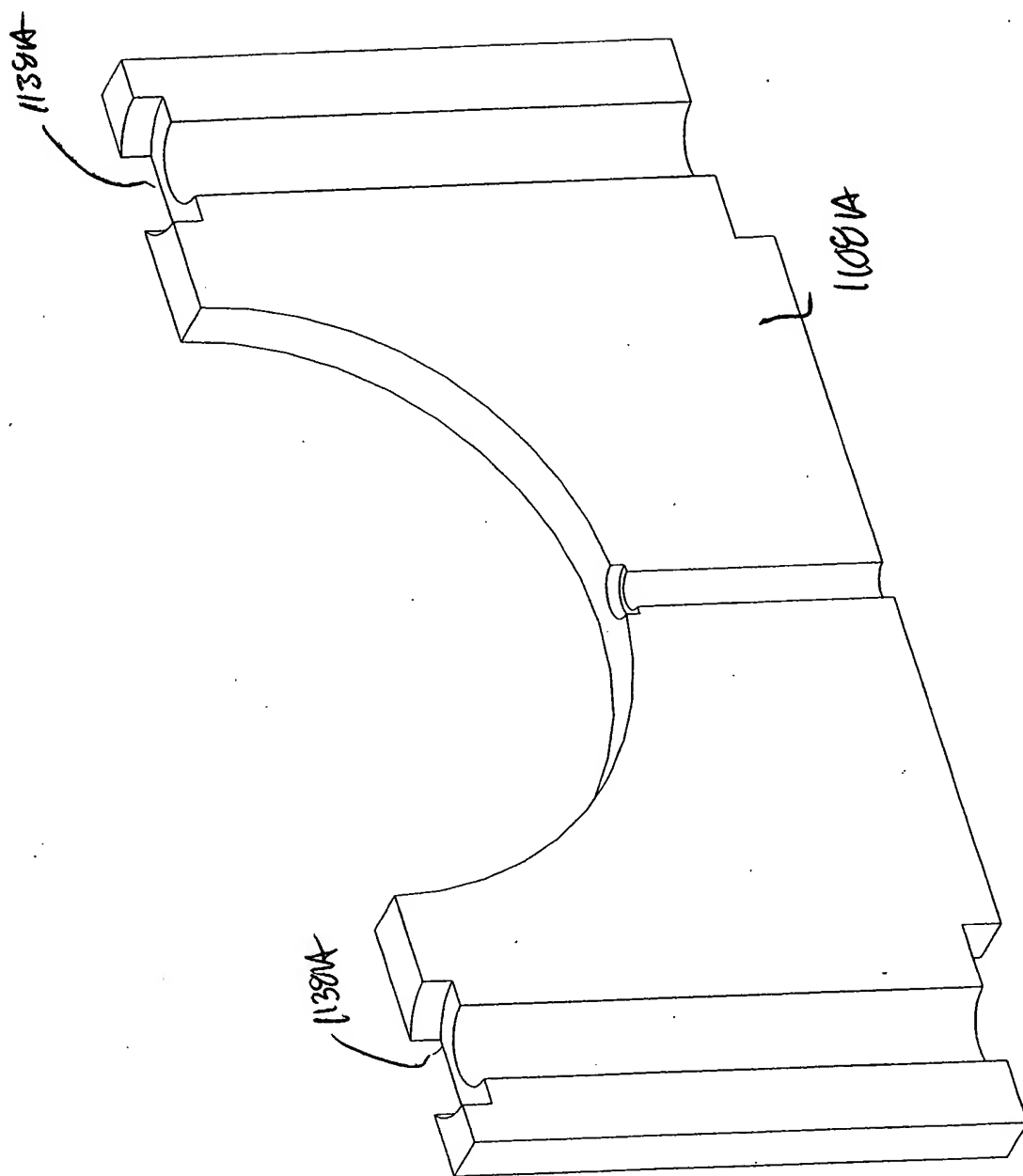


FIG. 156A





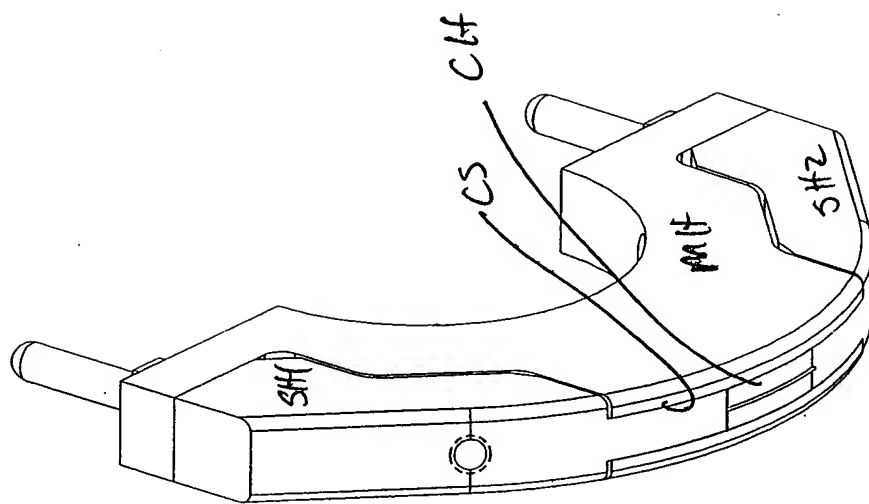
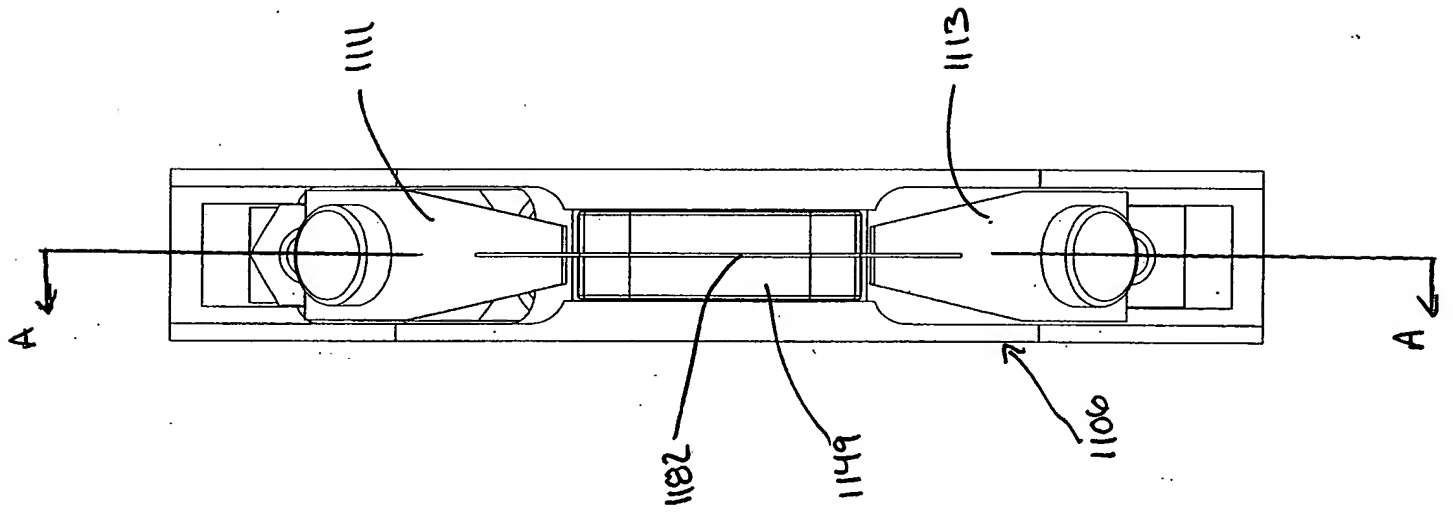


FIG. 157A

FIG. 158



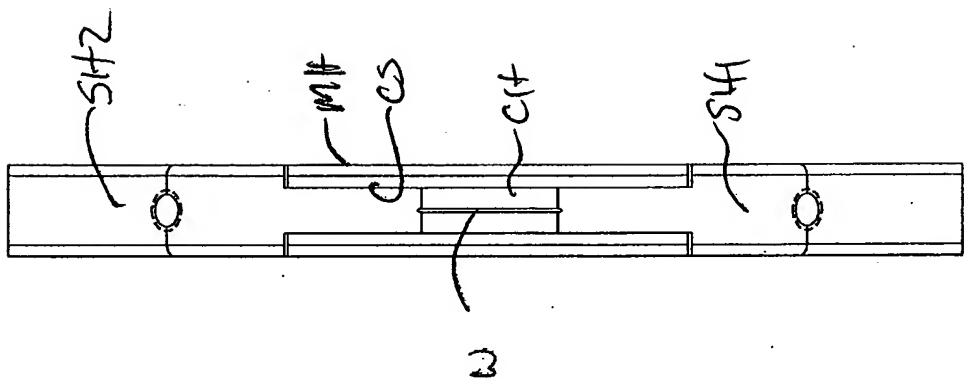


FIG. 158A

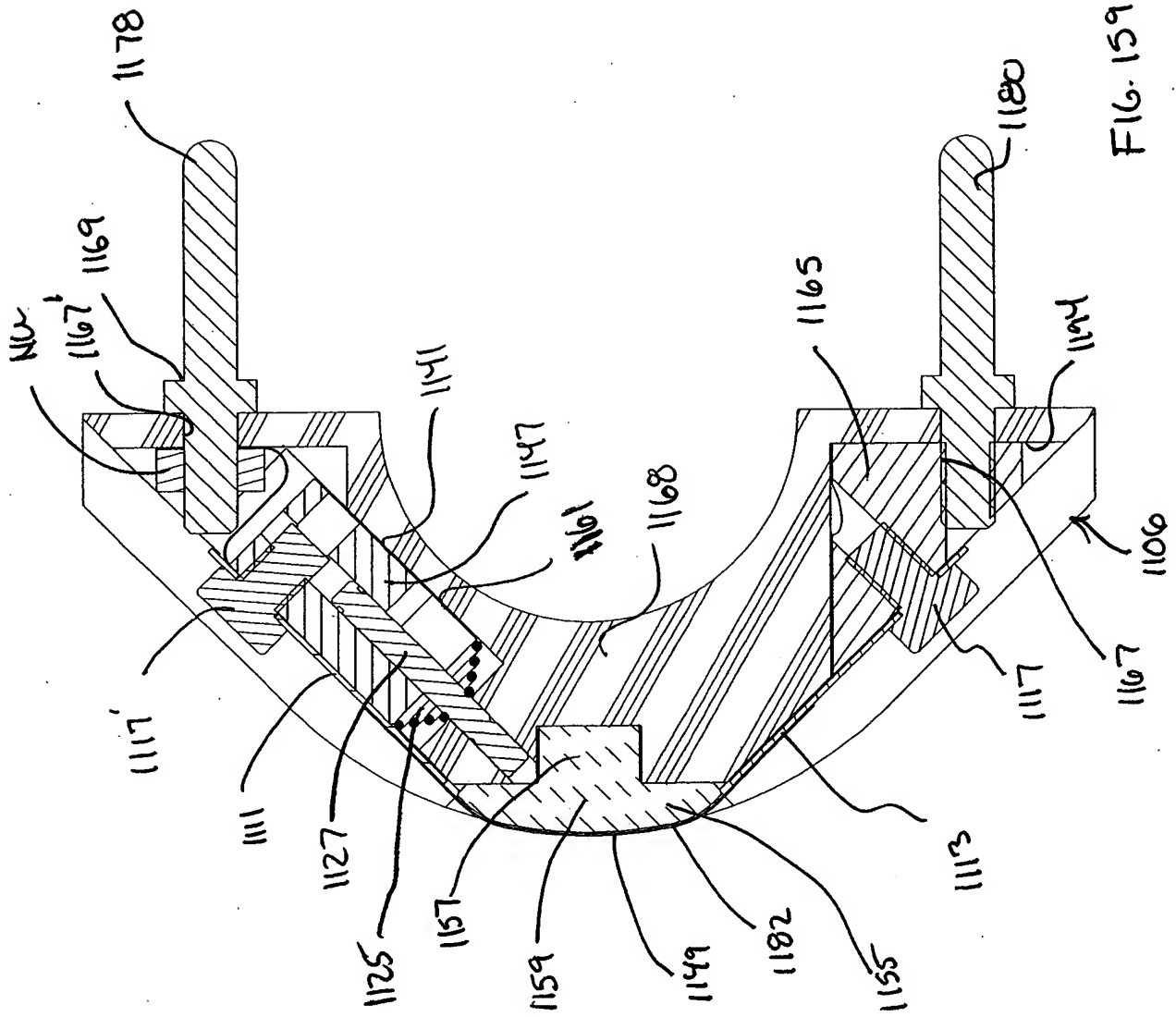


FIG. 159

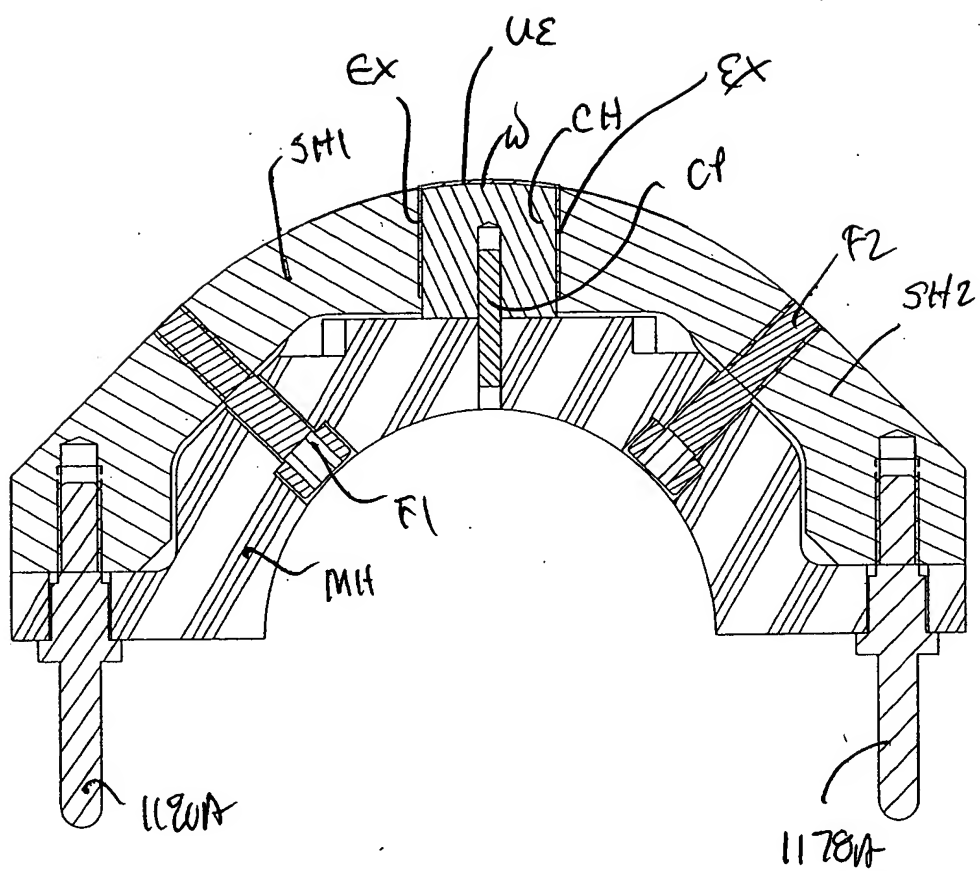


FIG-159A

FIG. 160

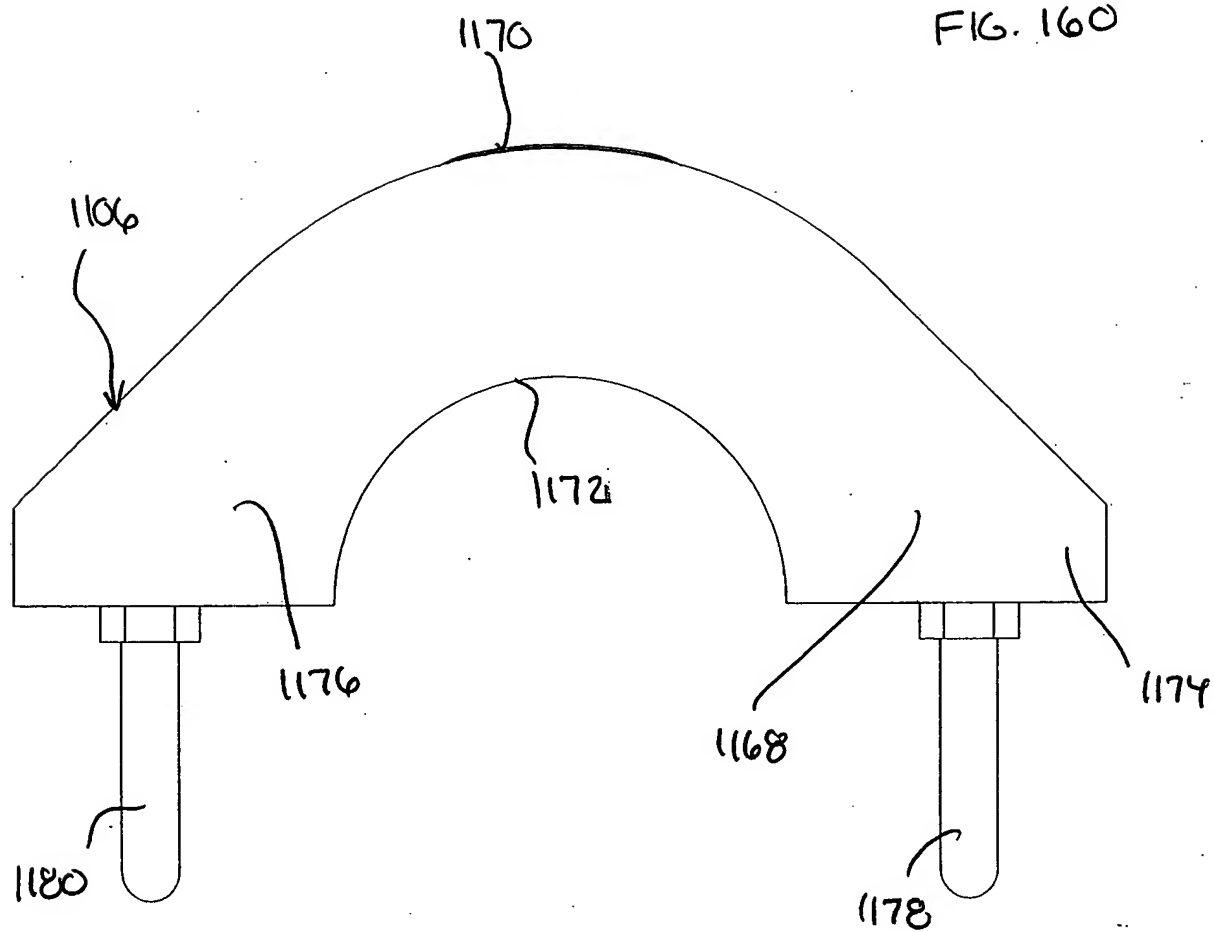
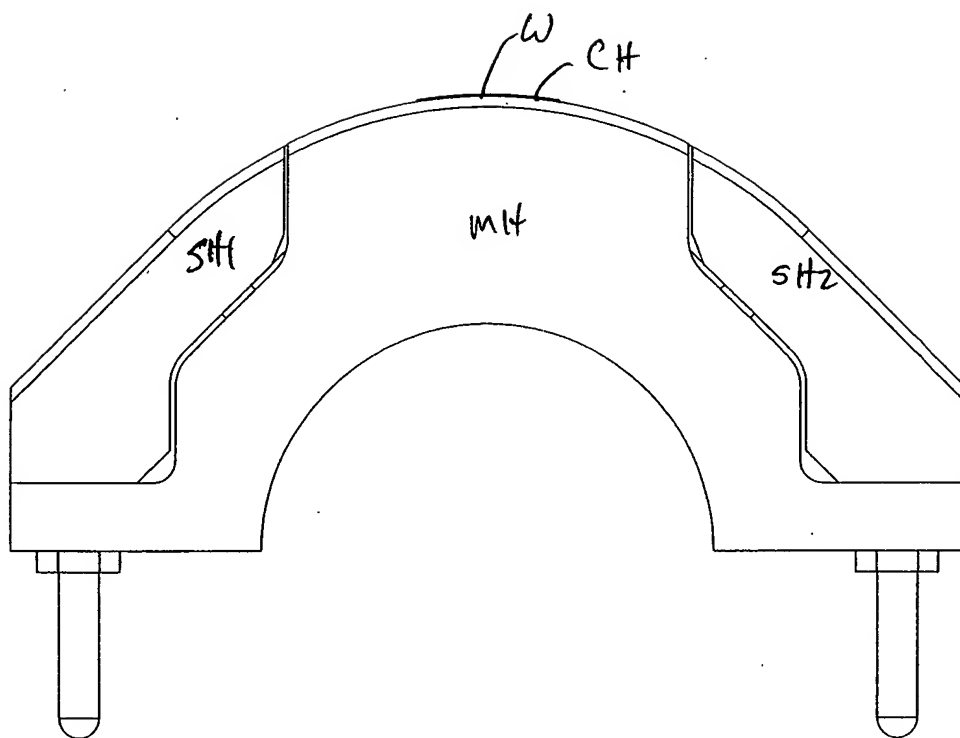


FIG. 160A



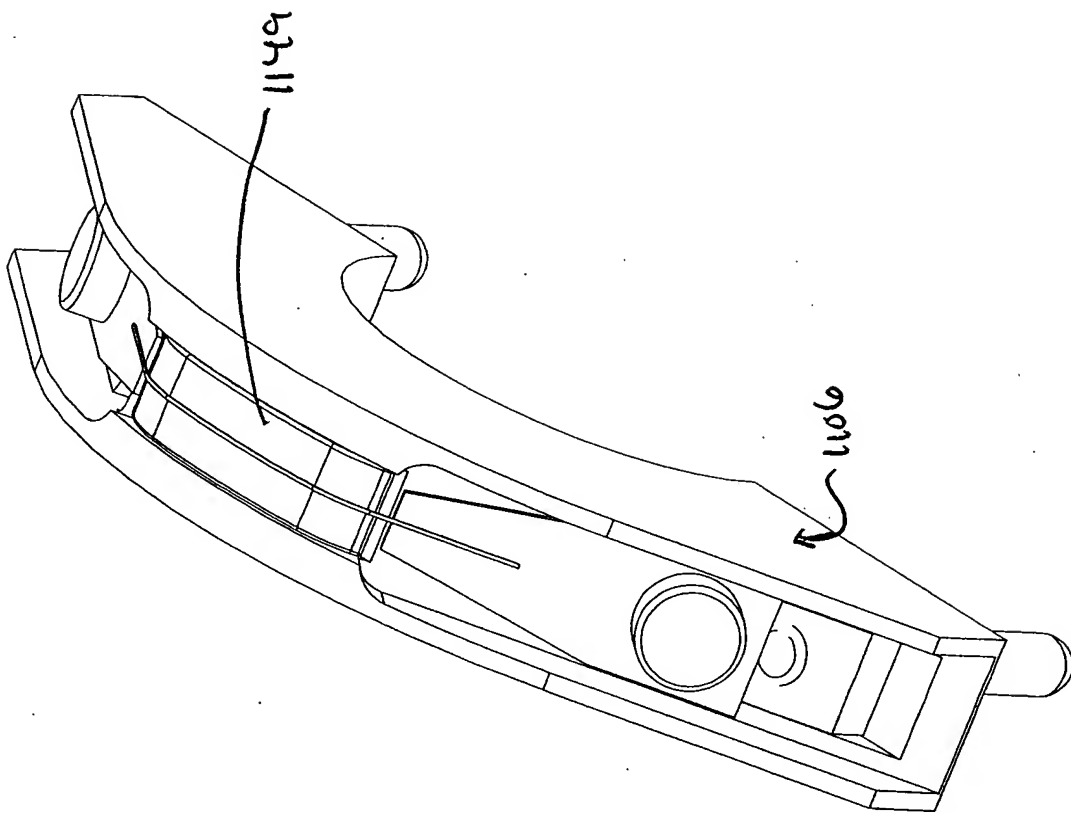


FIG. 161

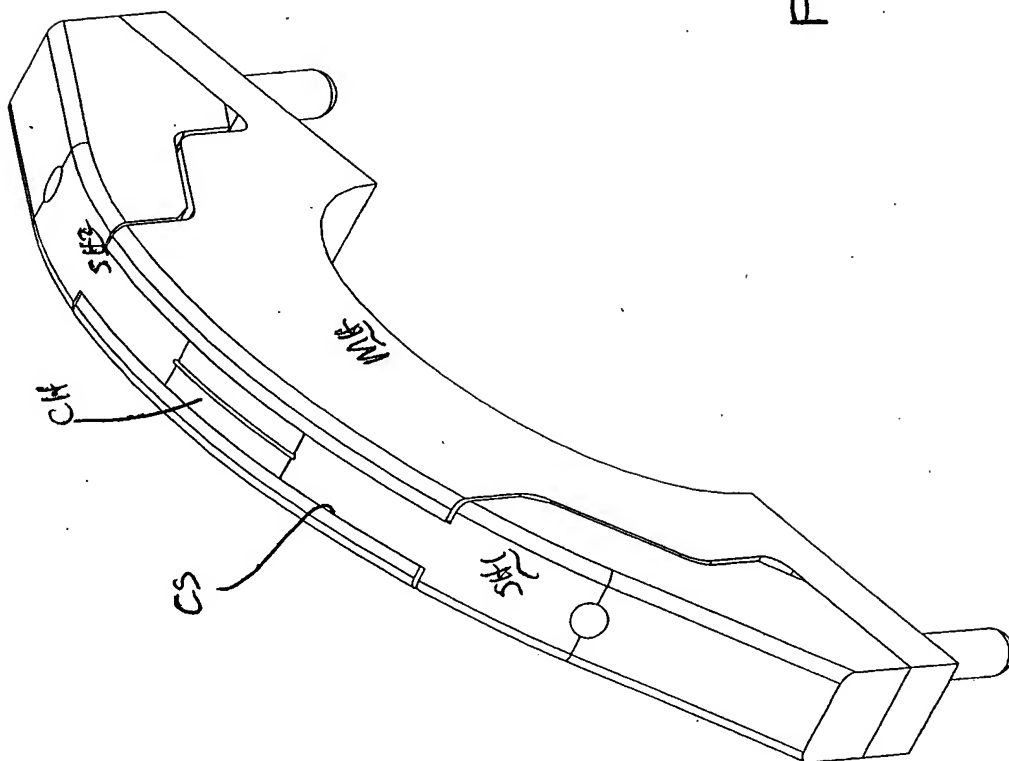


FIG. 16A

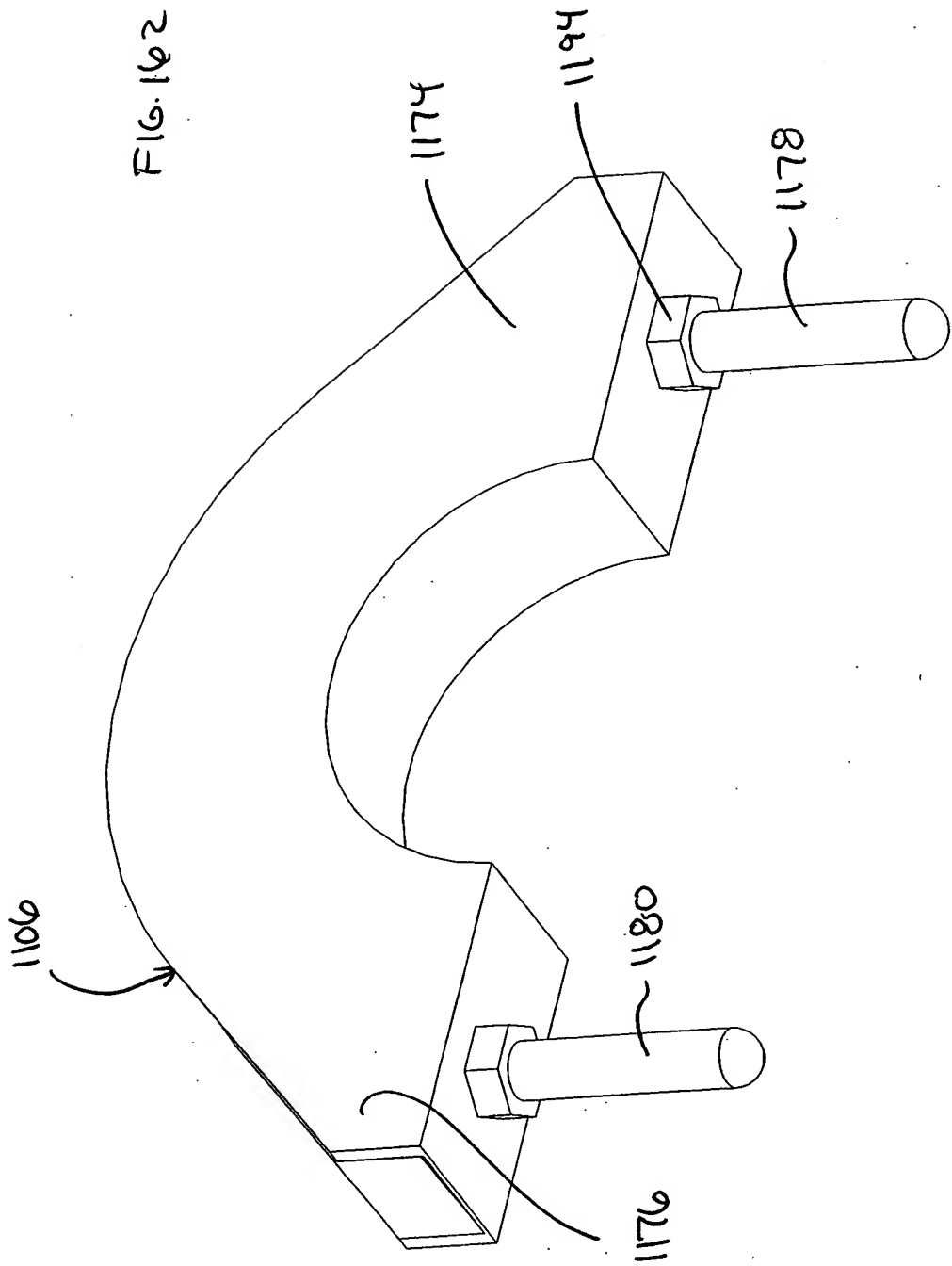
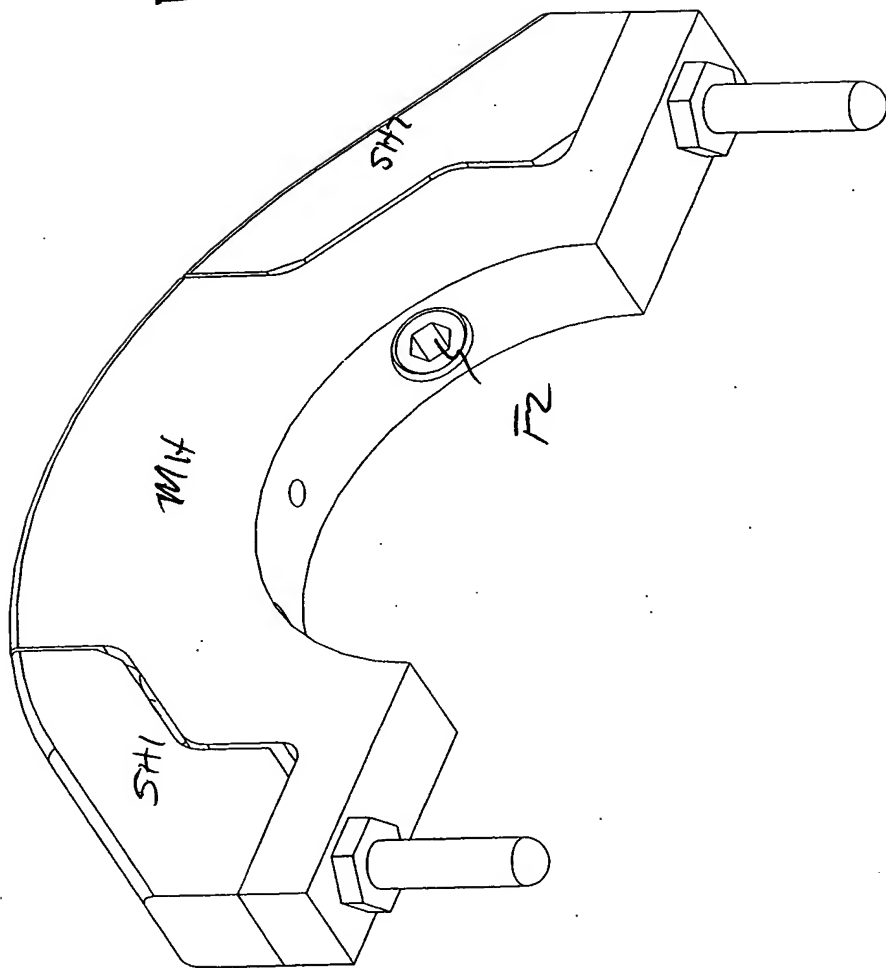


FIG. 162A



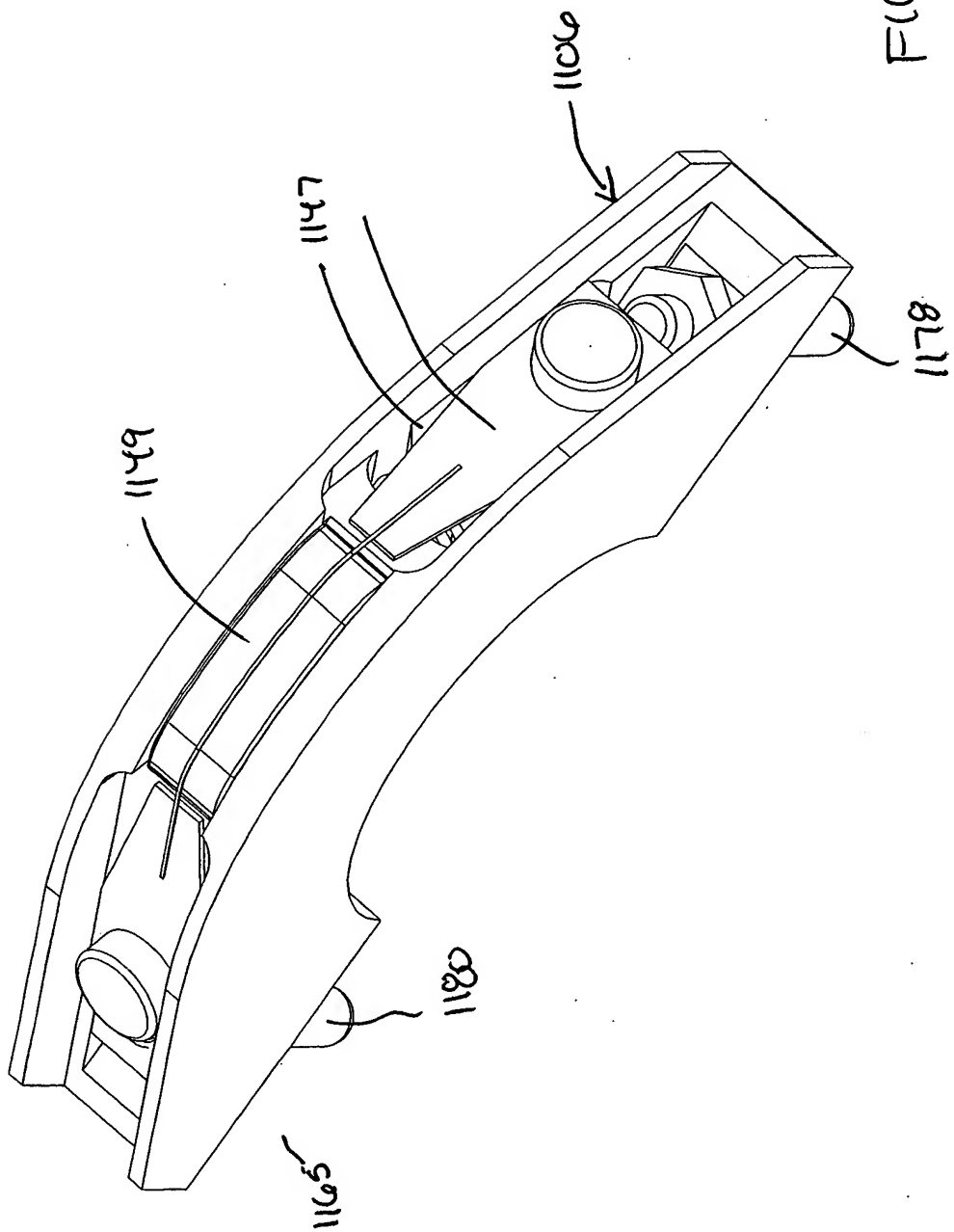


FIG. 163

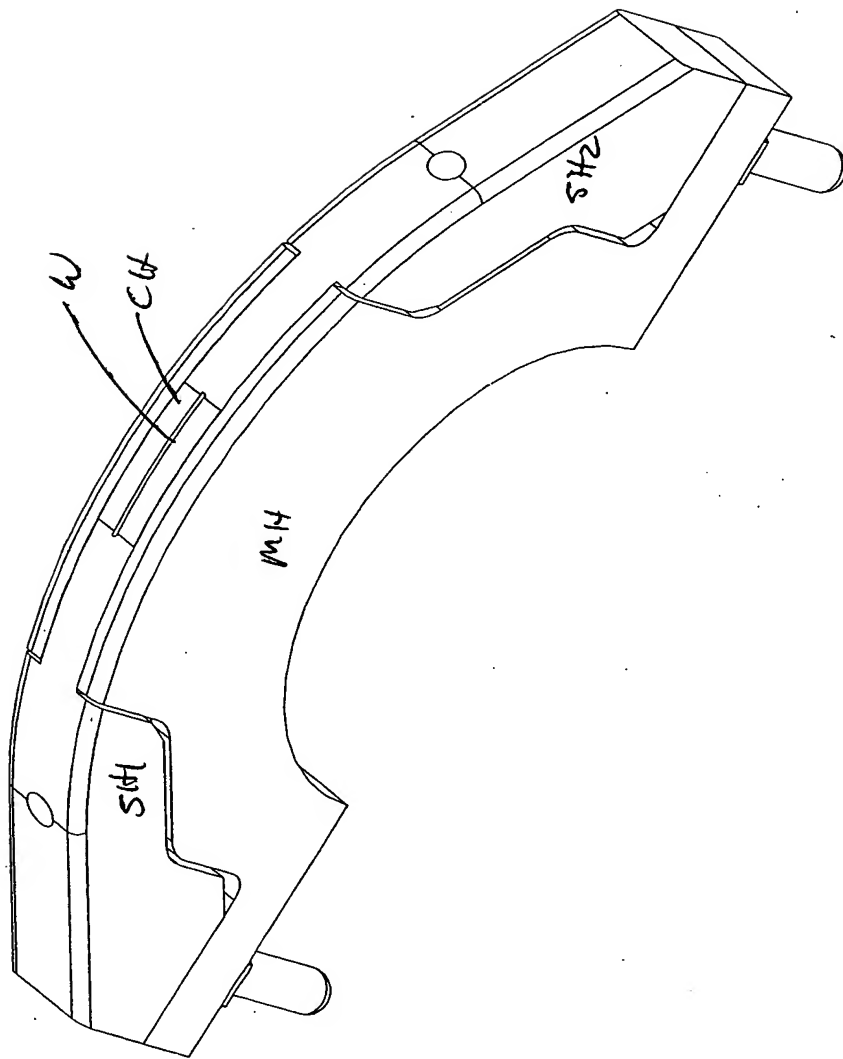


FIG. 163A

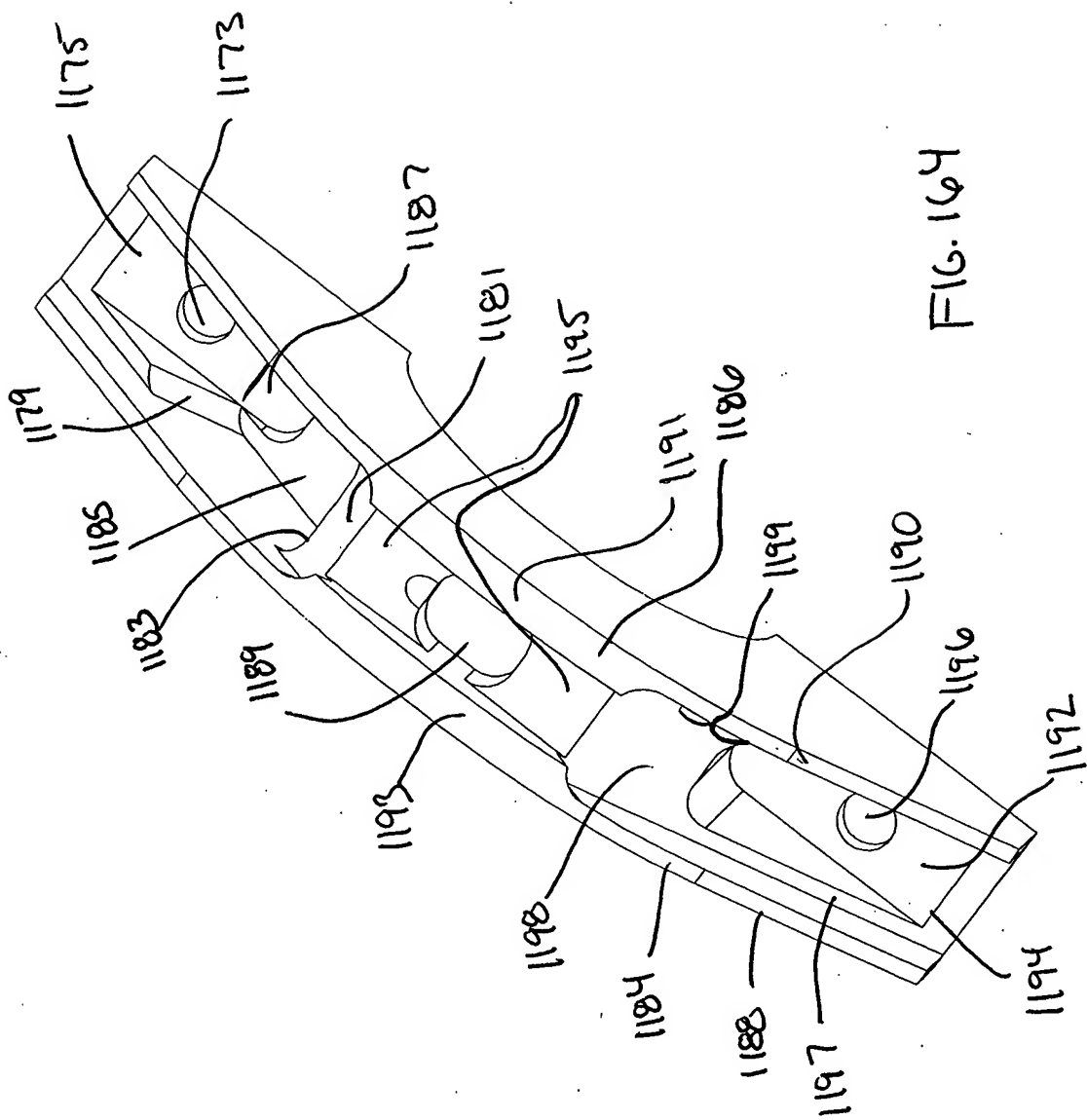


FIG. 164

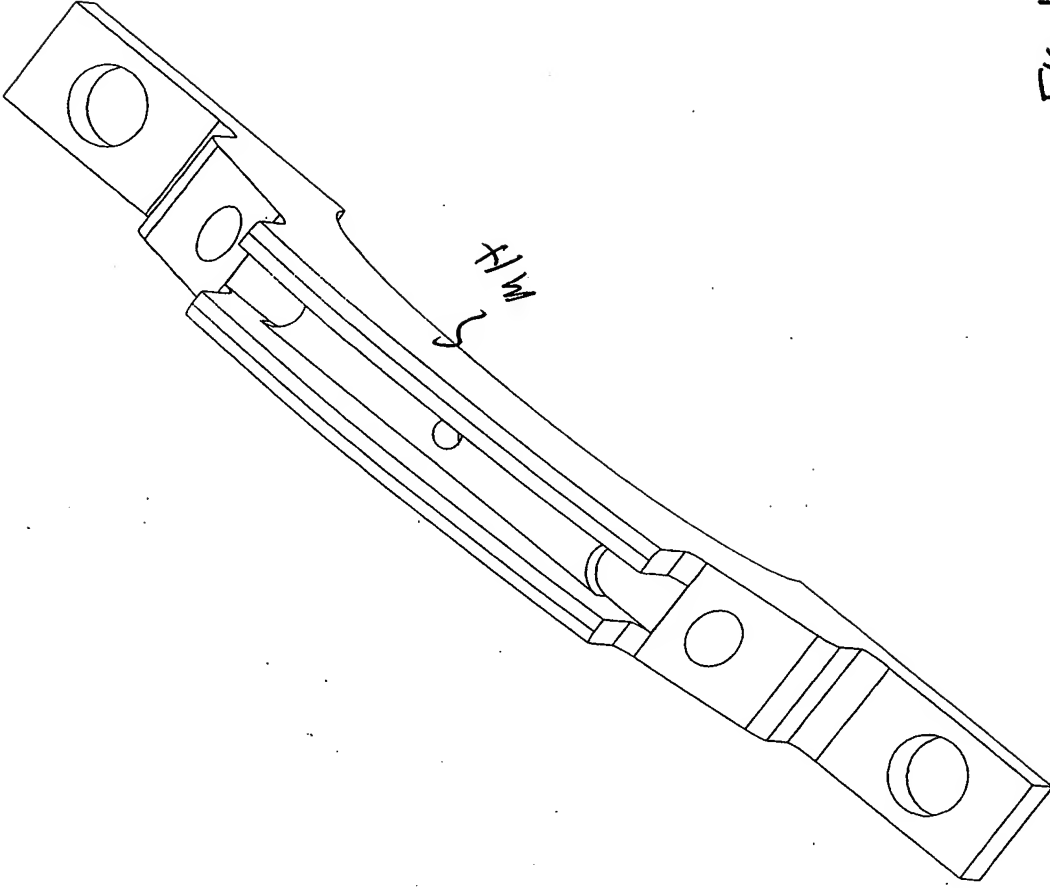


FIG. 164A

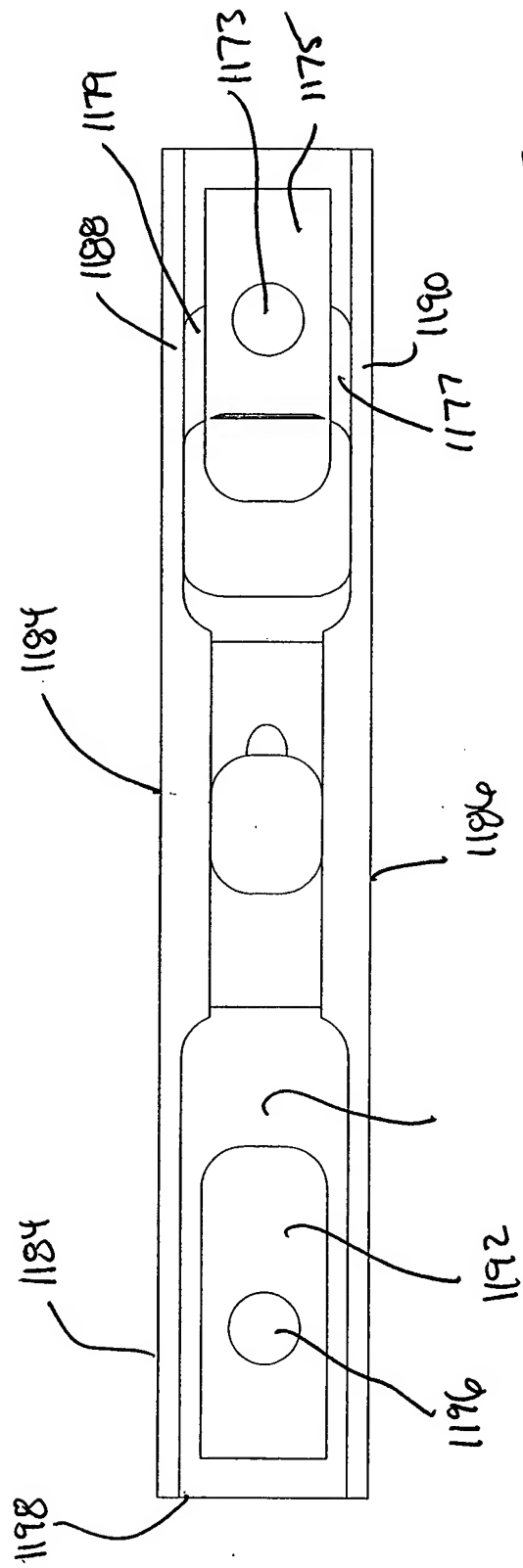


FIG. 165

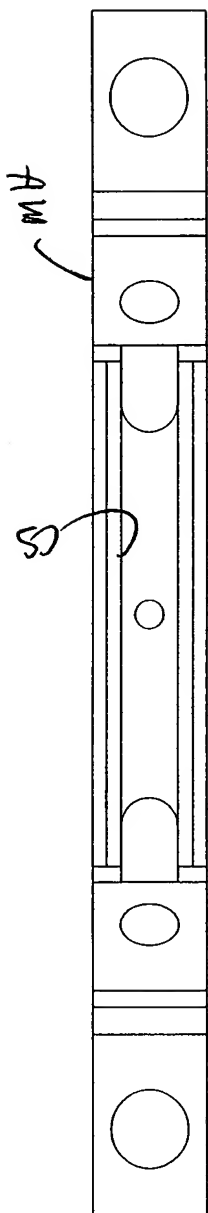


FIG. 165A

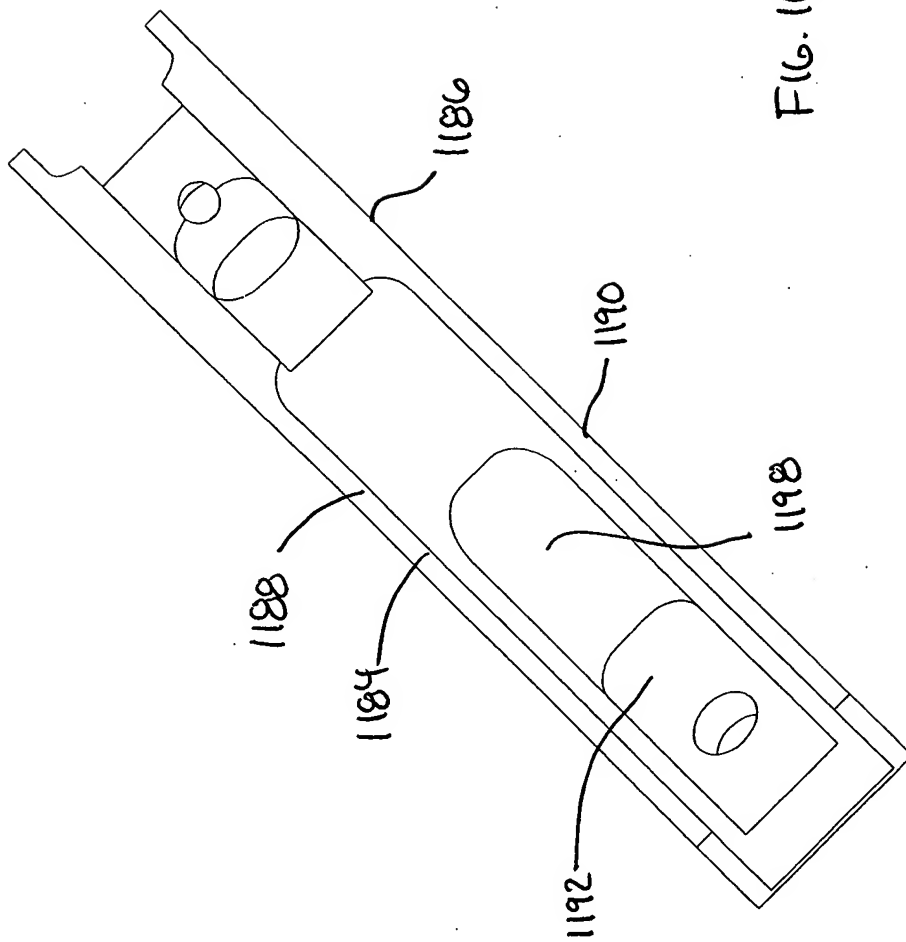


FIG. 166

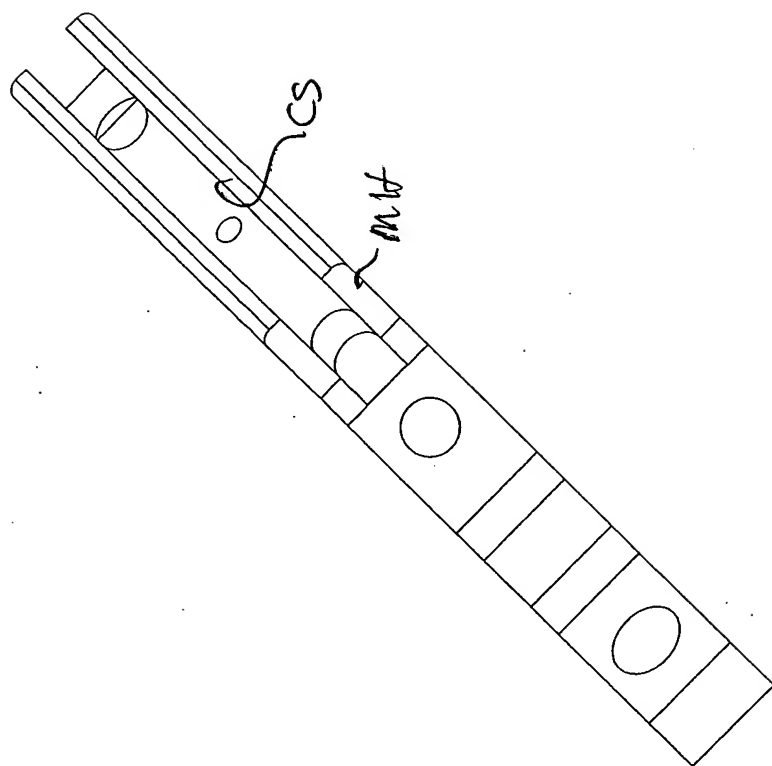


FIG. 166A

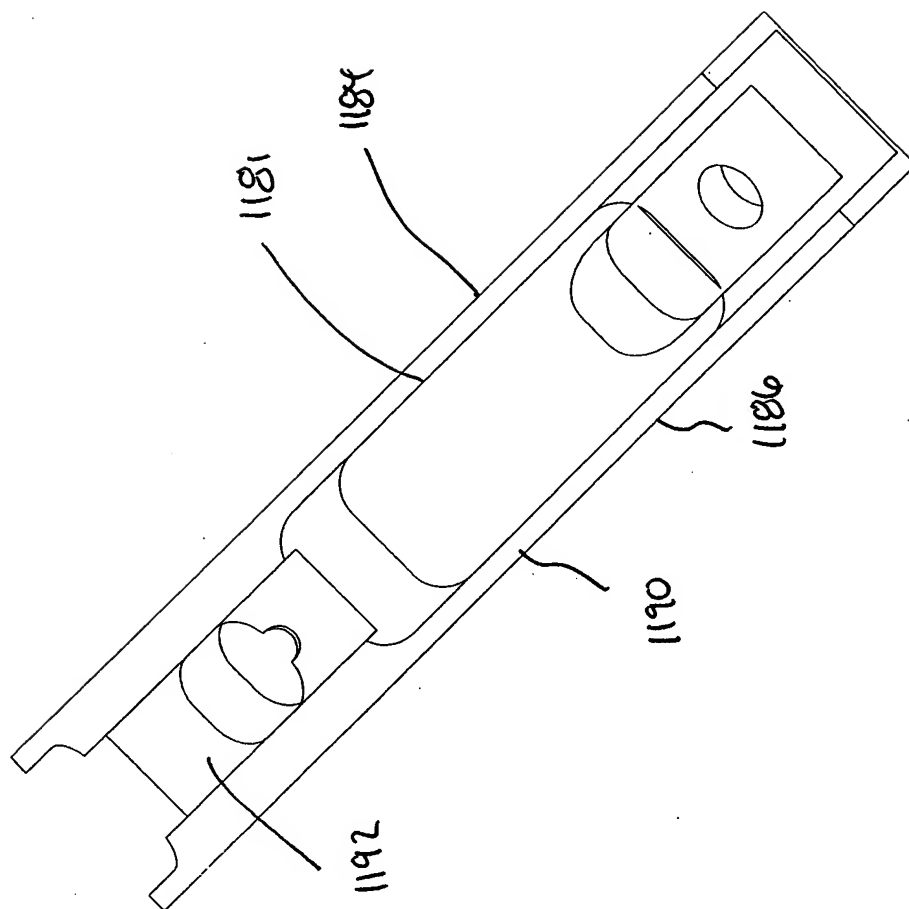


FIG. 167

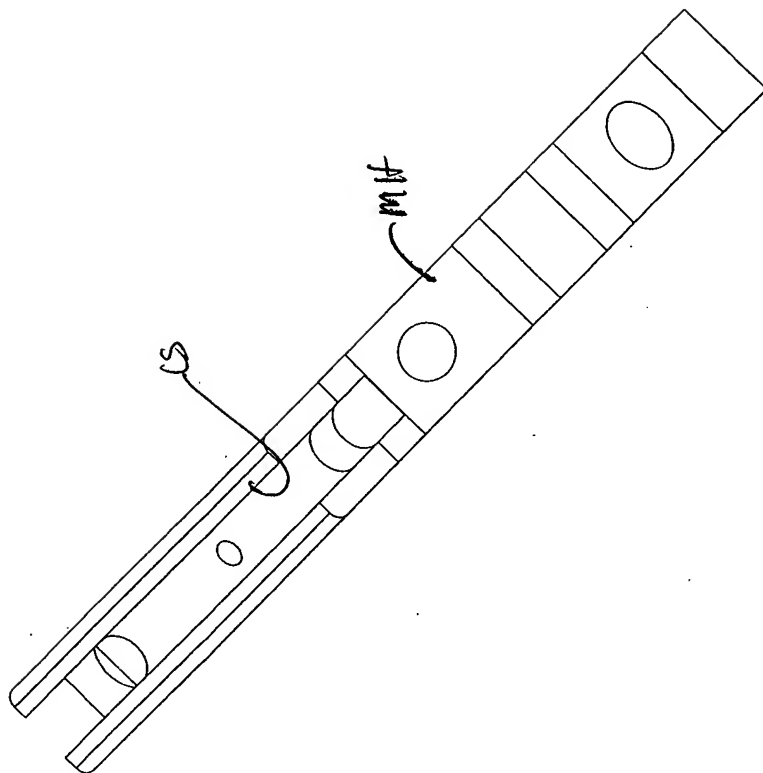
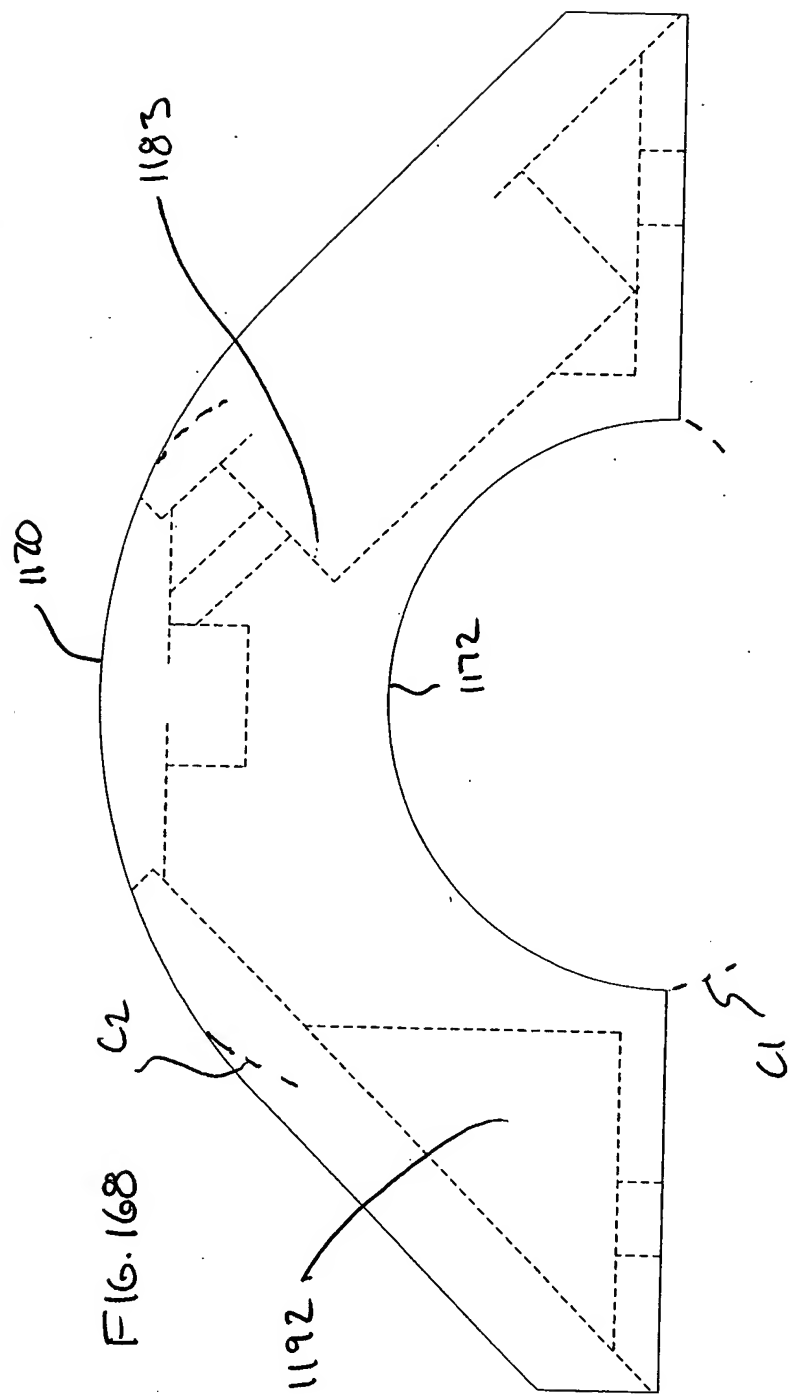


FIG. 16ZV



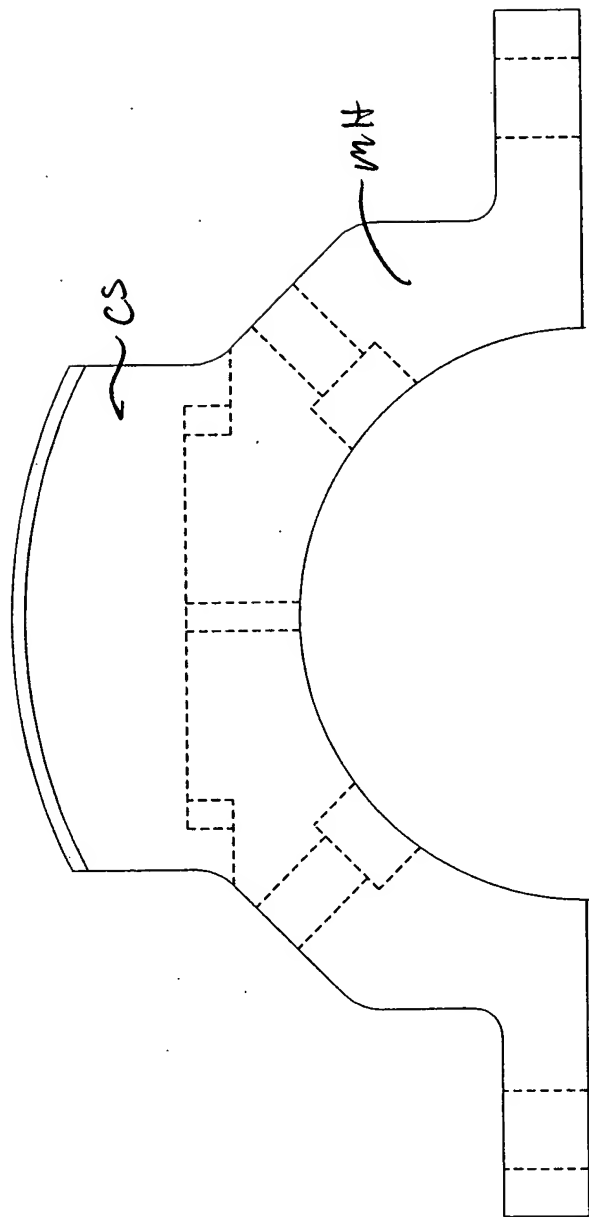


FIG. 1681A

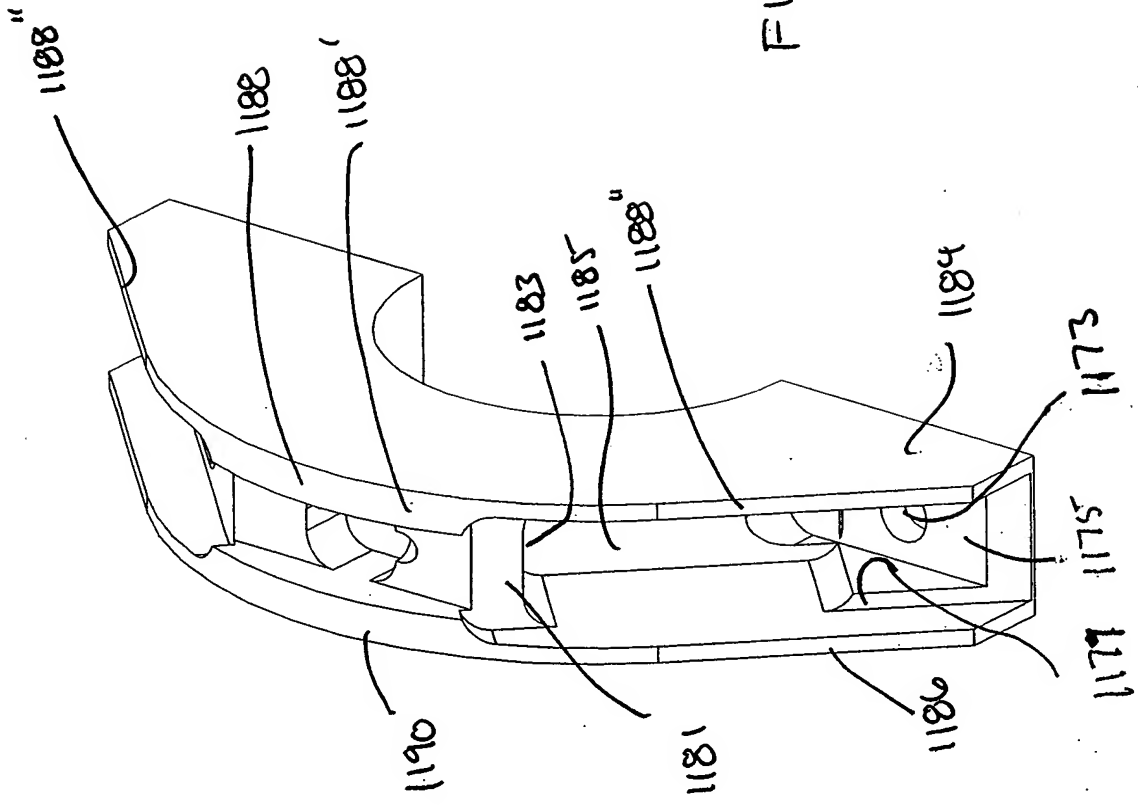


FIG. 169

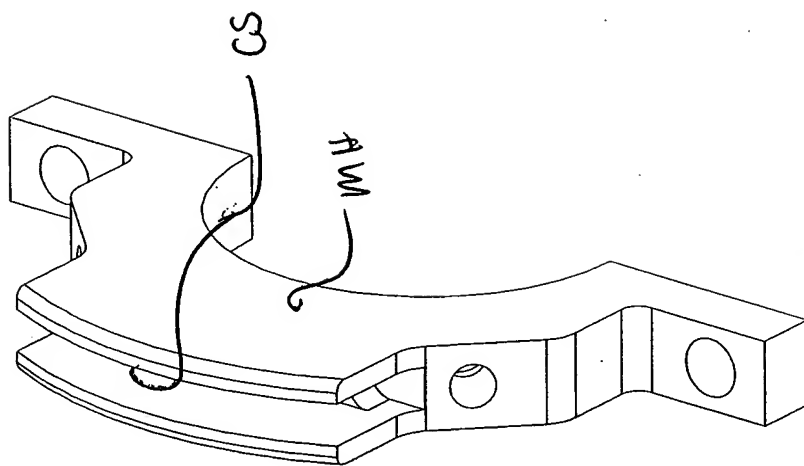
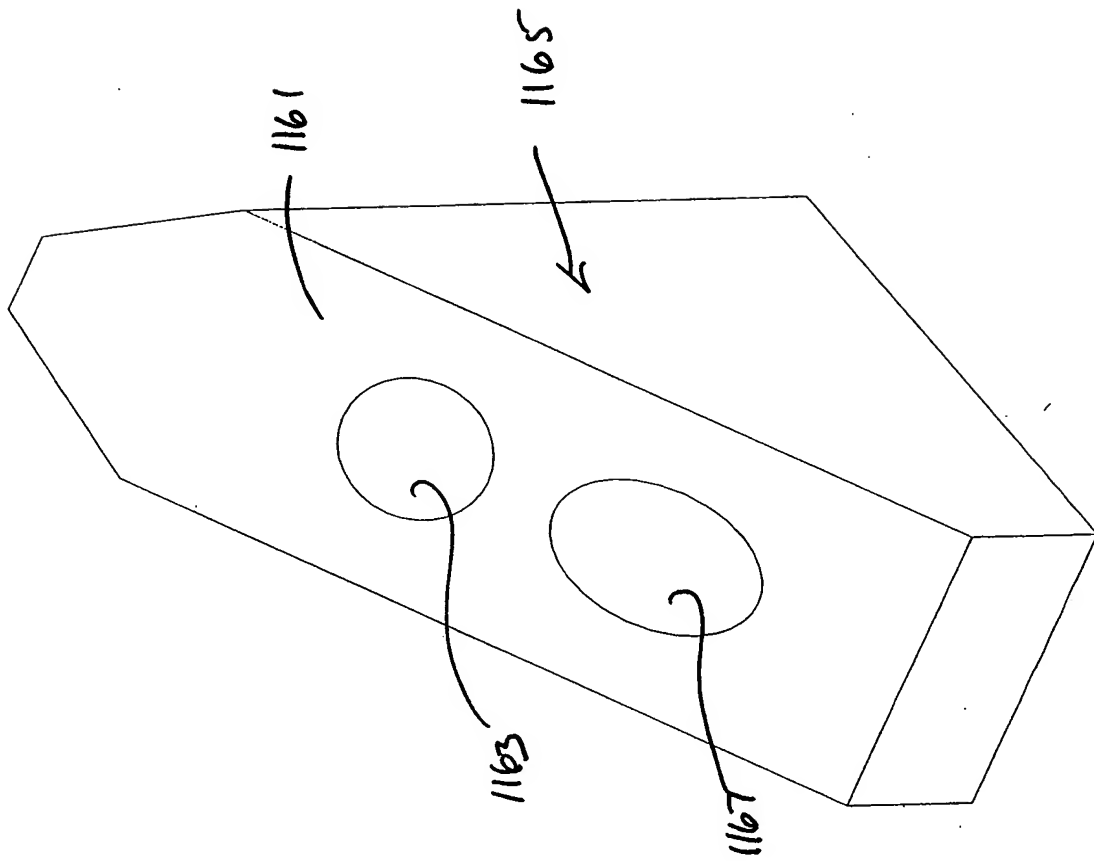


FIG. 169A

FIG. 170



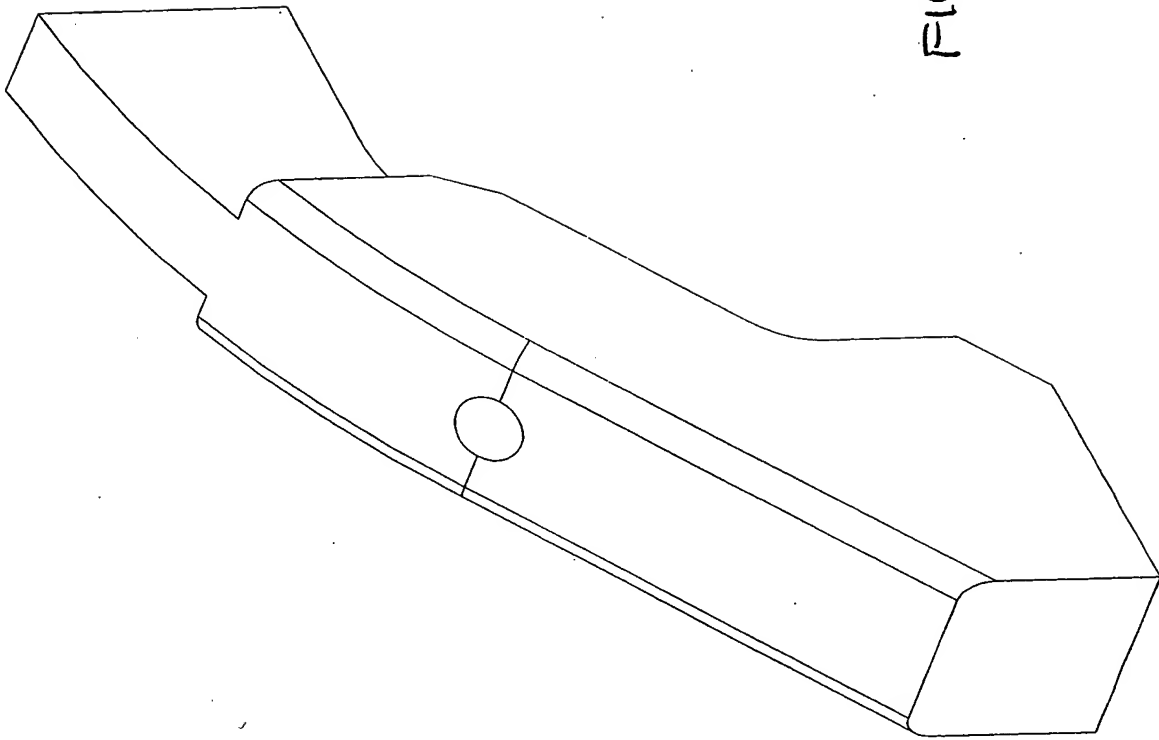
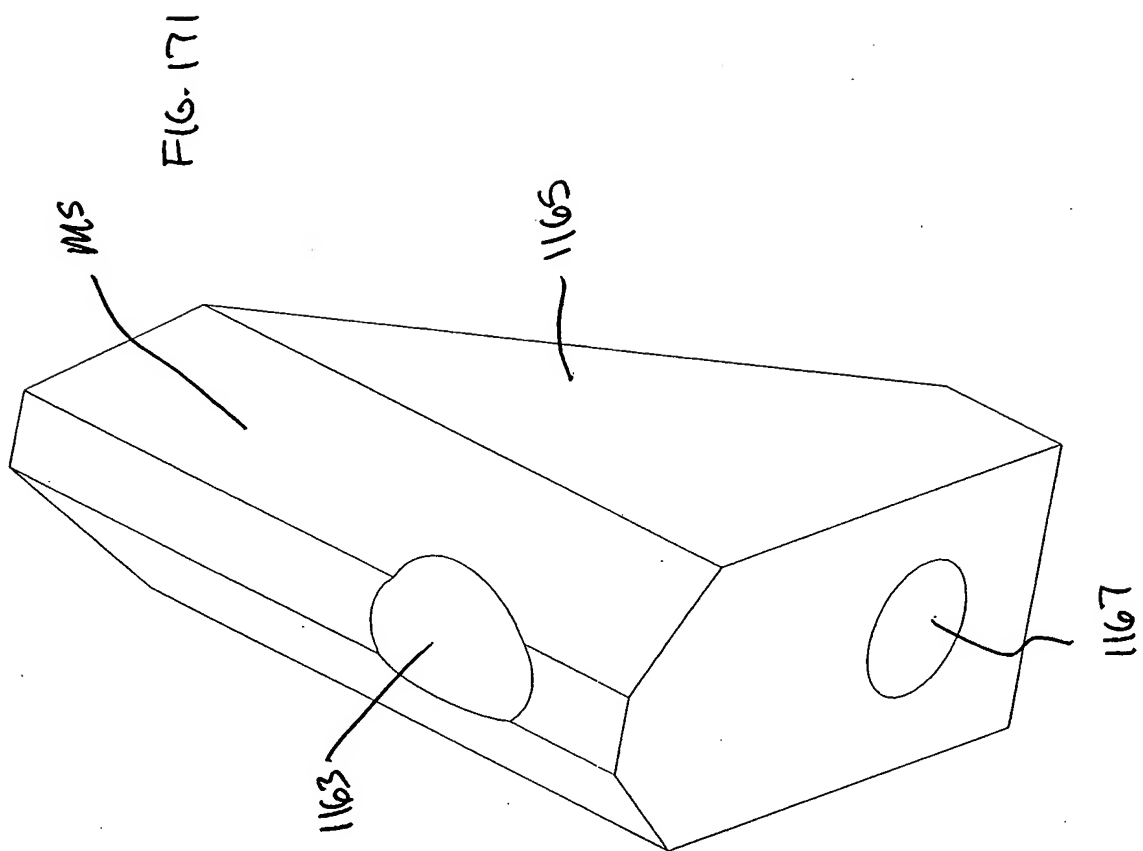


FIG. 170A



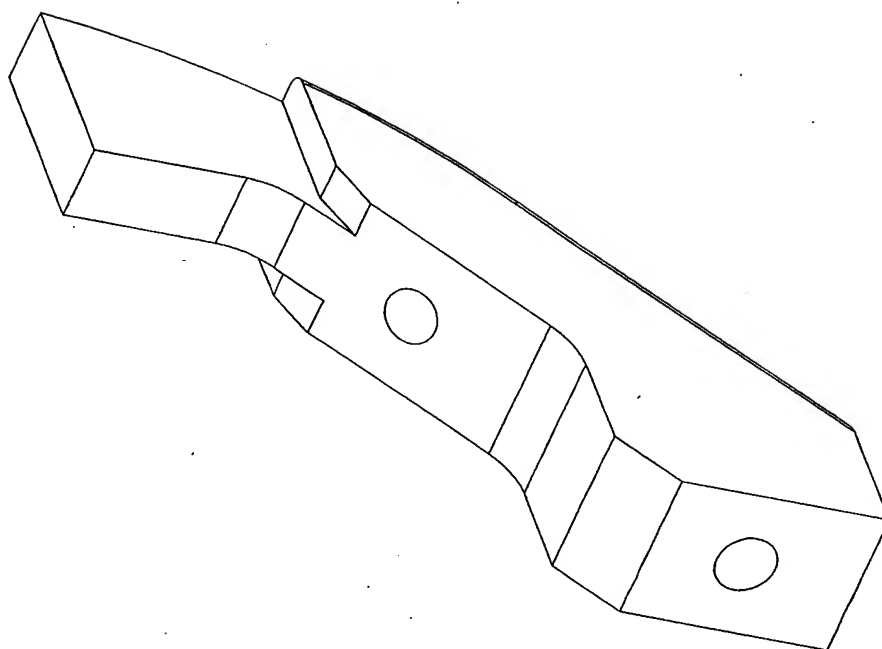


FIG. 171A

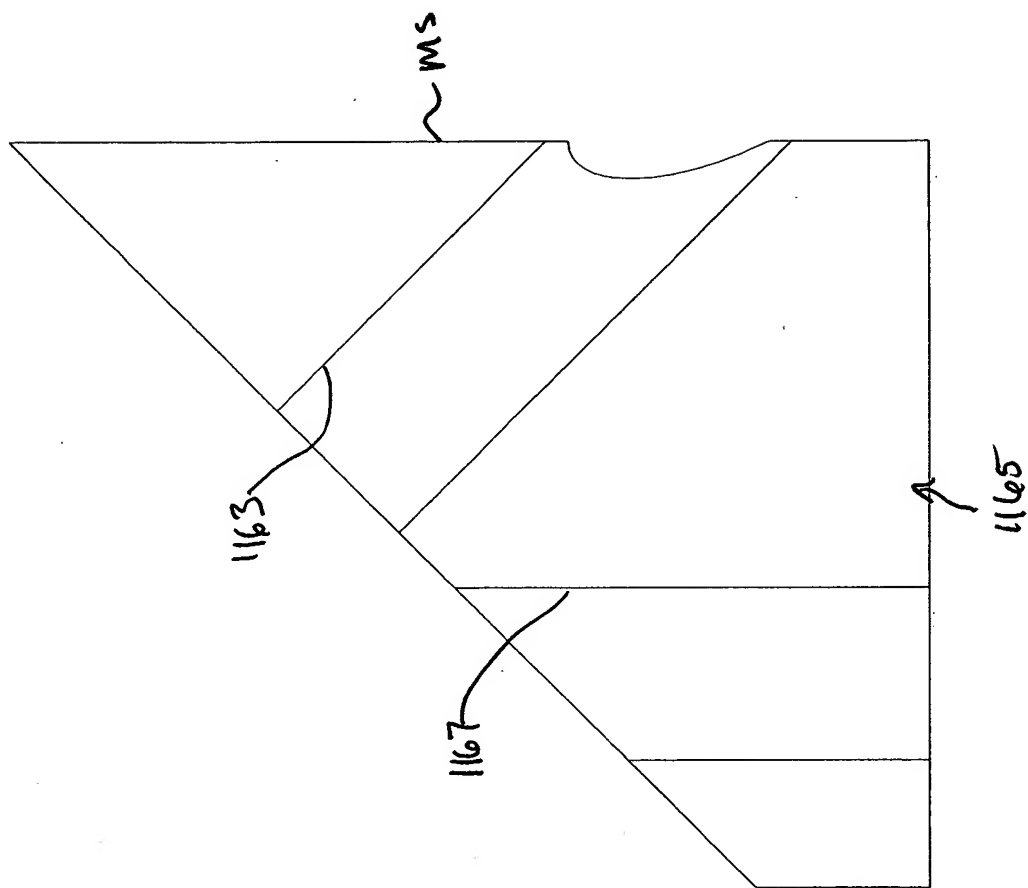


FIG. 172

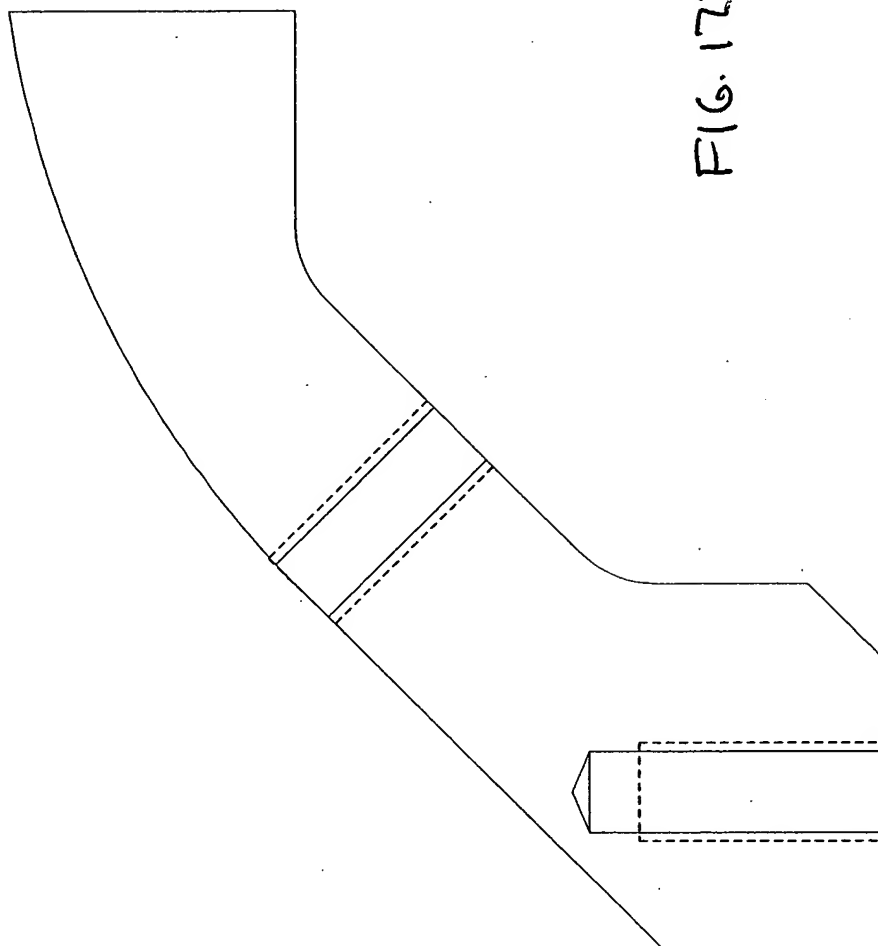
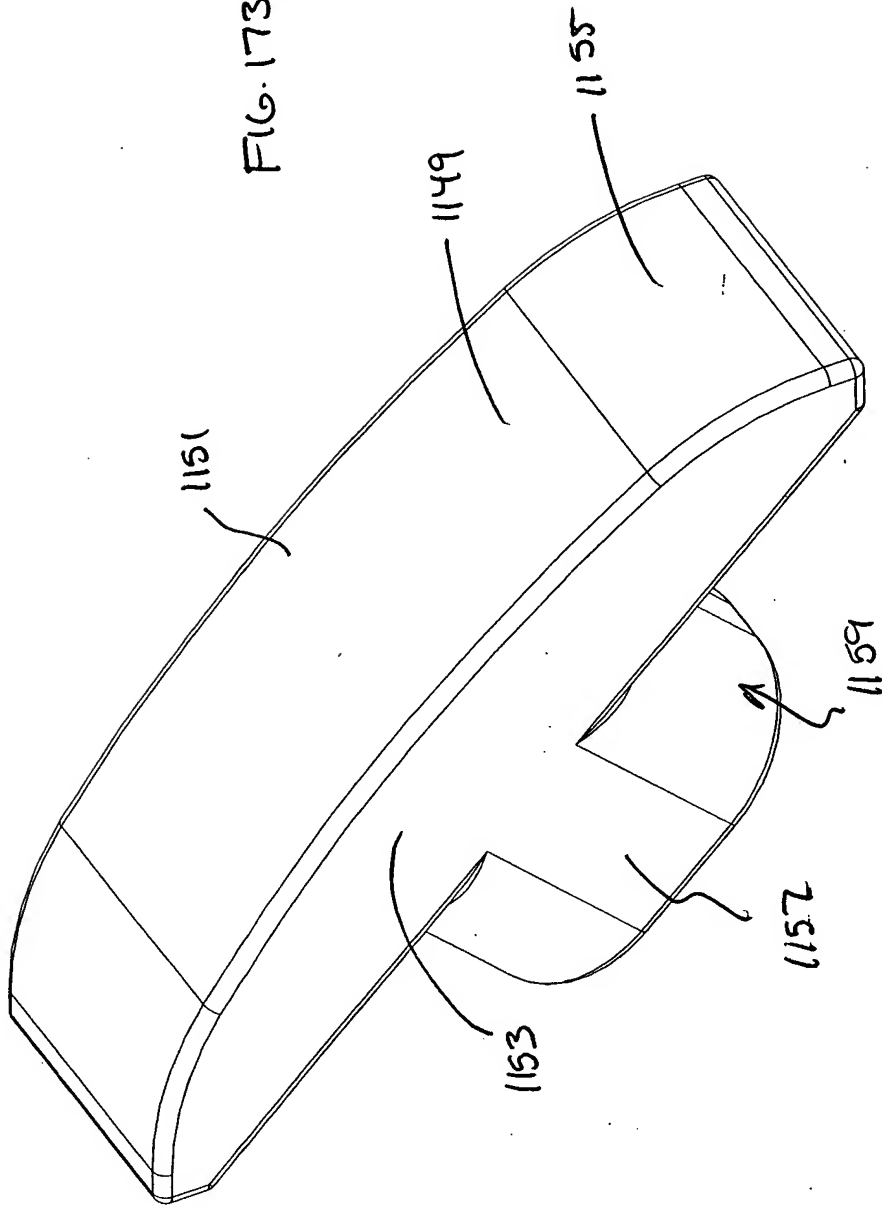


FIG. 172A

FIG. 173A



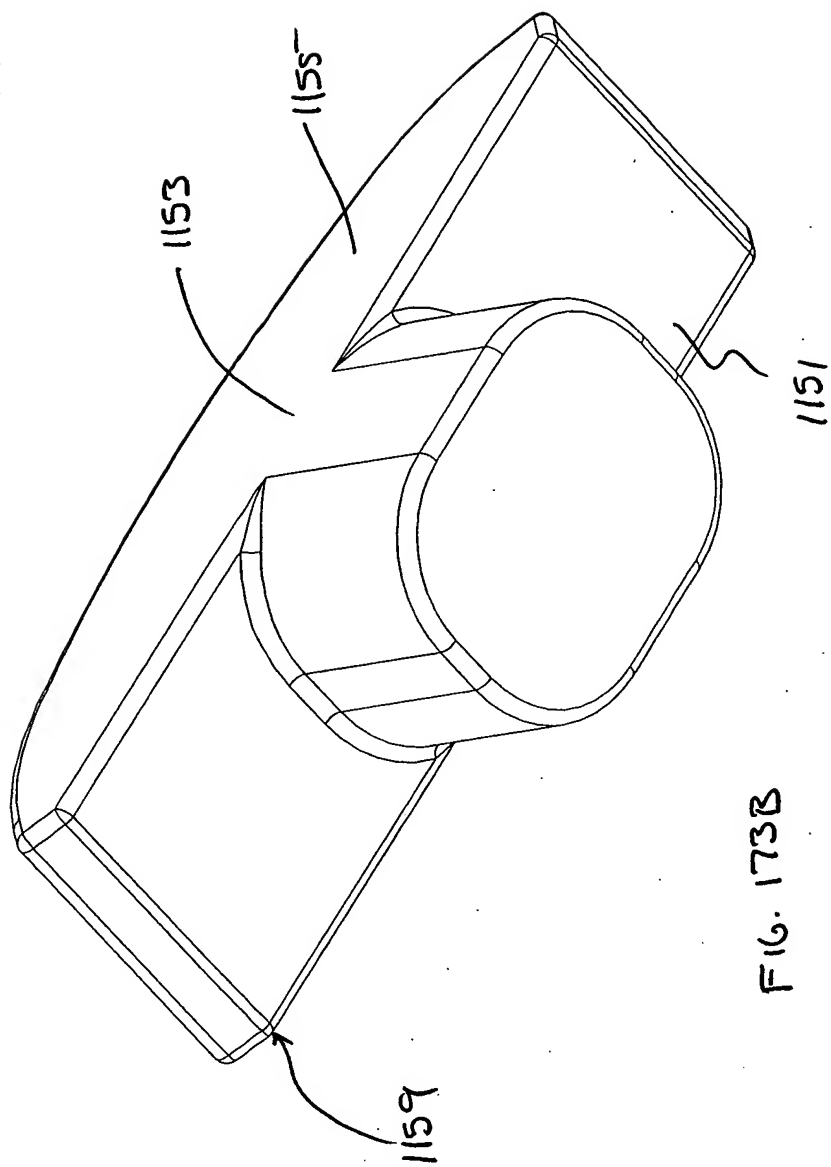


FIG. 173B

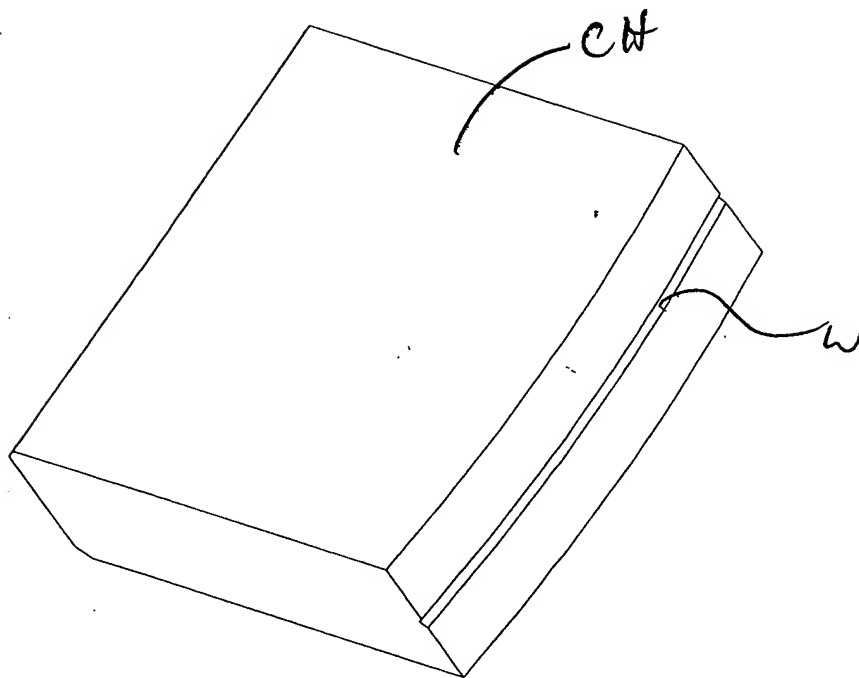


FIG. 173C

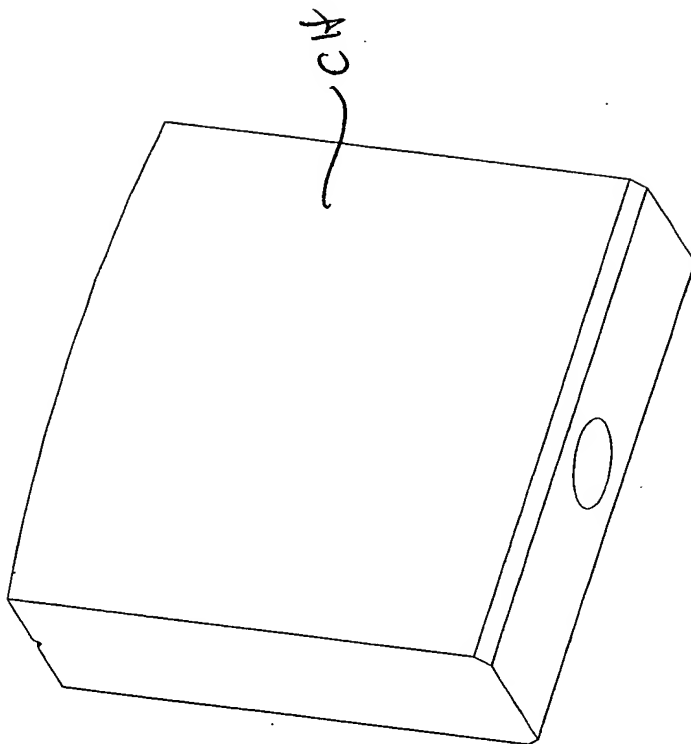
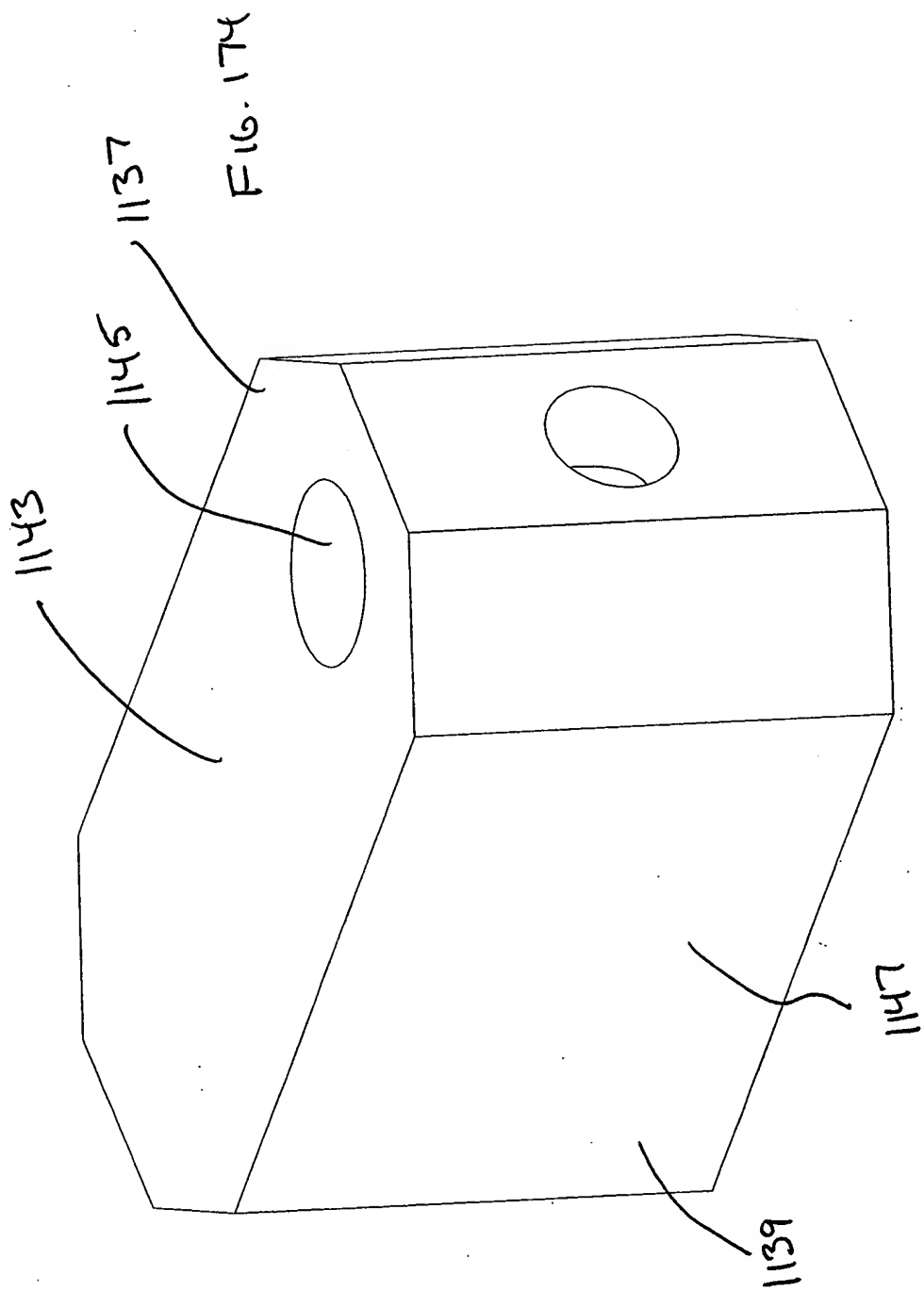


FIG. 173D



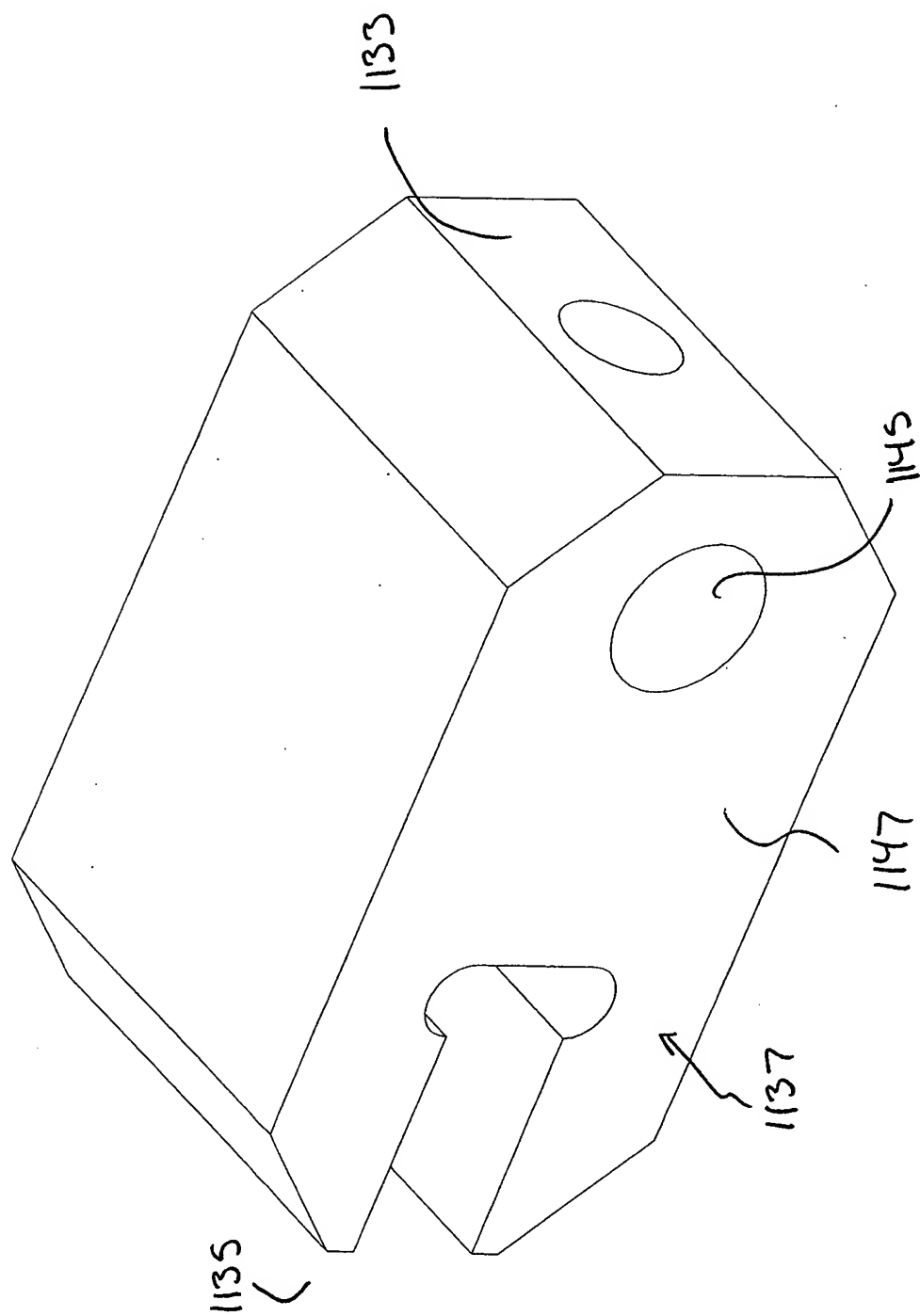
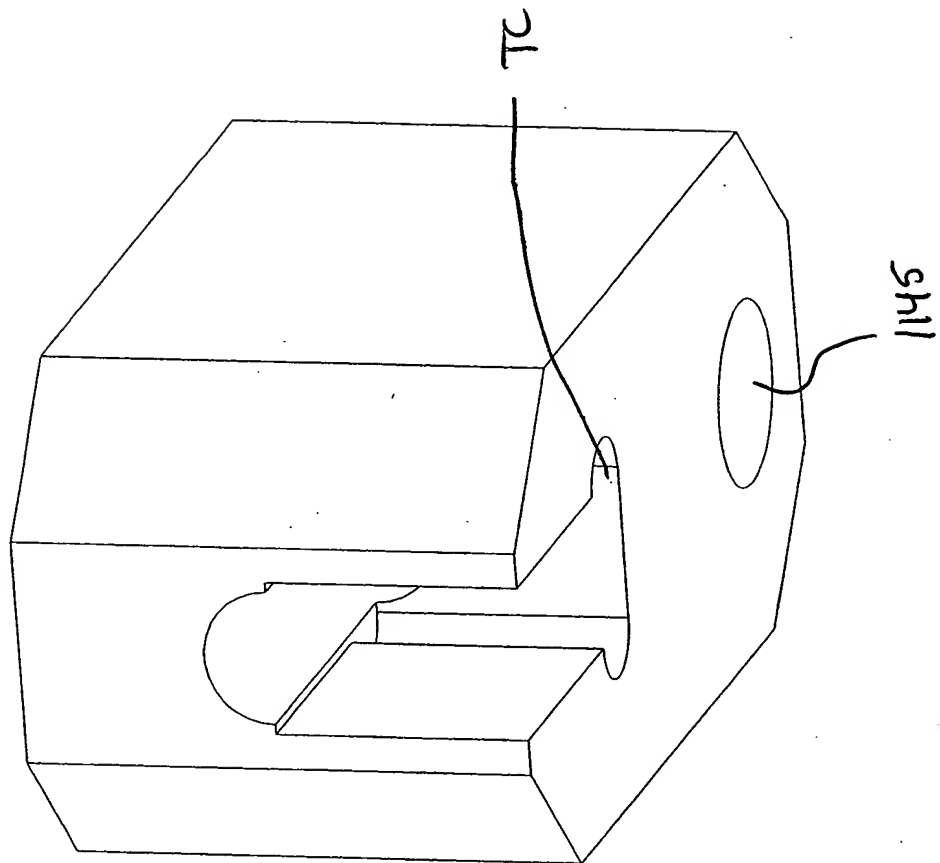


FIG. 175

FIG. 17C



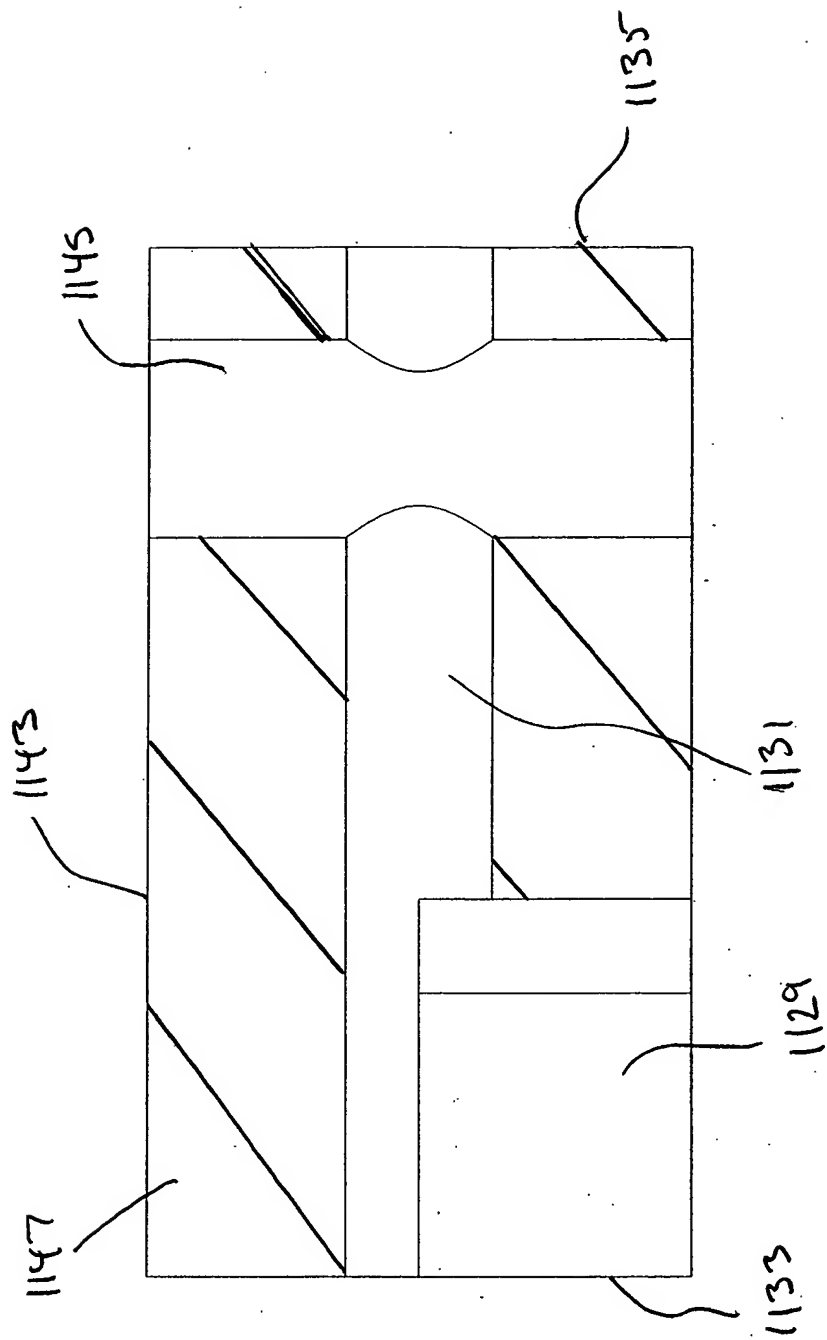


FIG. 177

1113 (iii)

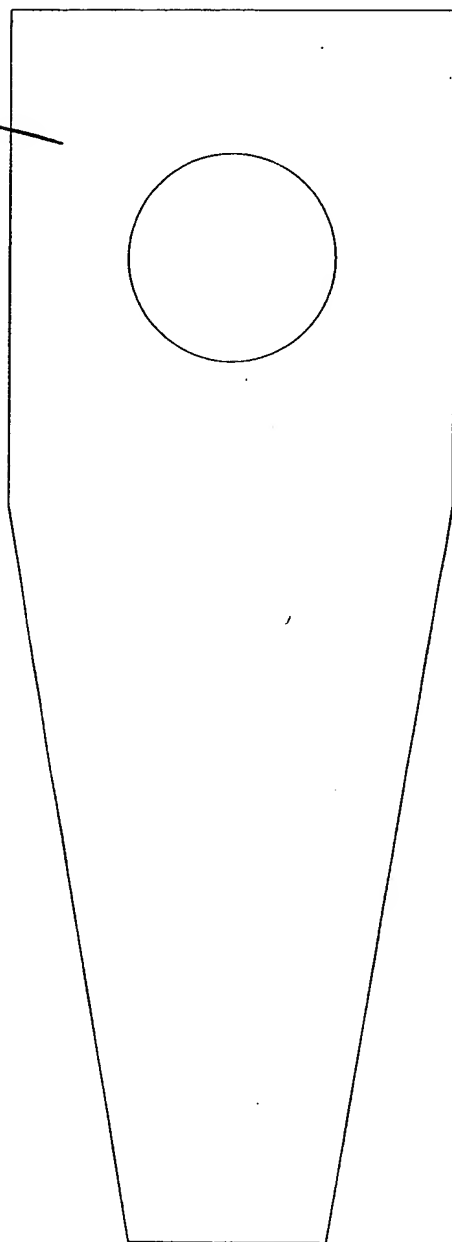


FIG. 178



FIG. 186

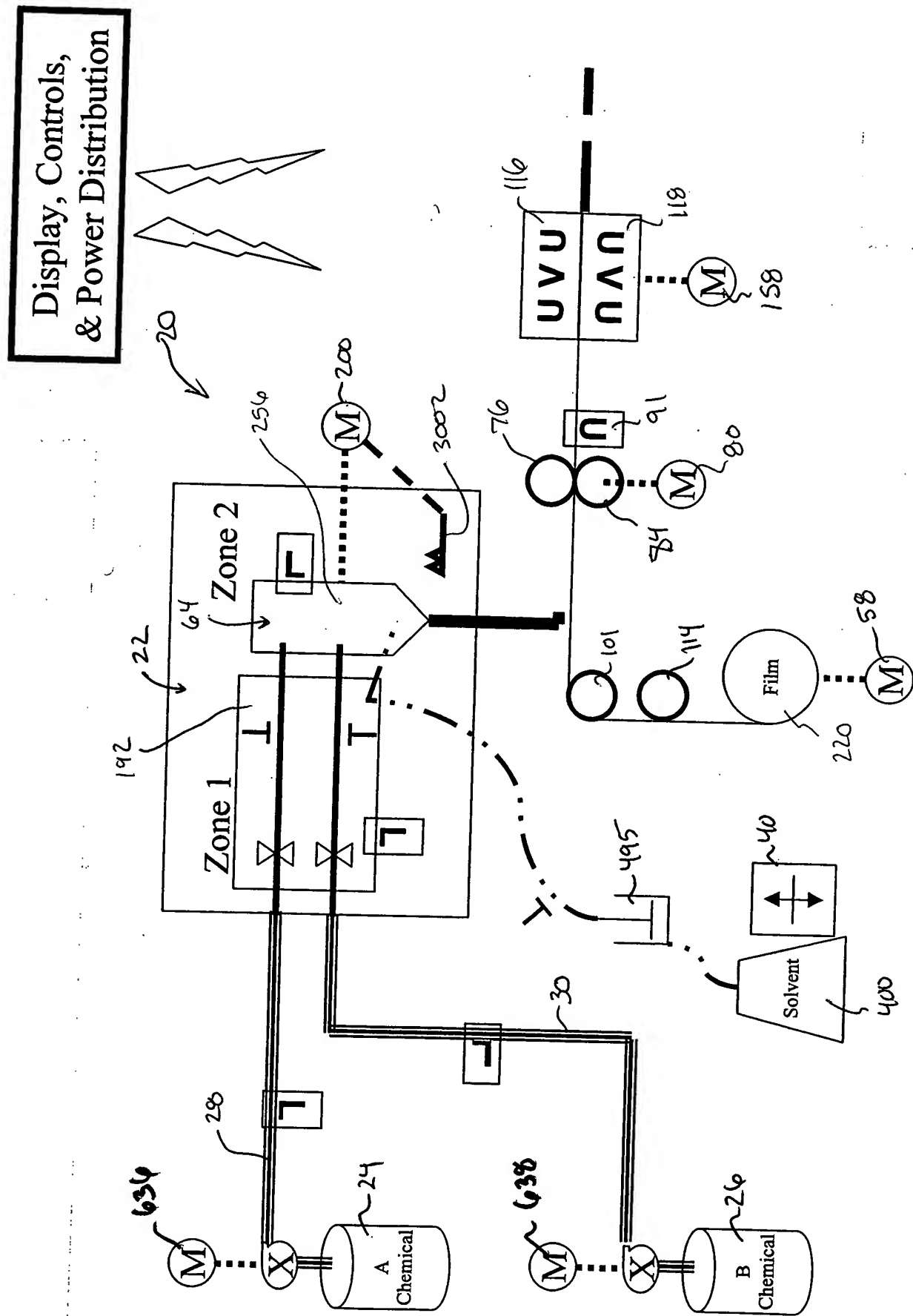




FIG. 186A

# Legend


 = Motor

 = Linkage

 = Pump

 = Pump Shaft/Hose

 = Heating element (all orientations)

 = Filter


 = Pressure Transducer (all orientations)

 = Tip Cleaning Brush


 = Solvent Pump

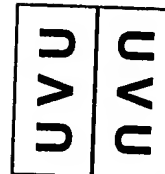
 = Level Sensor

 = Mixing Module +

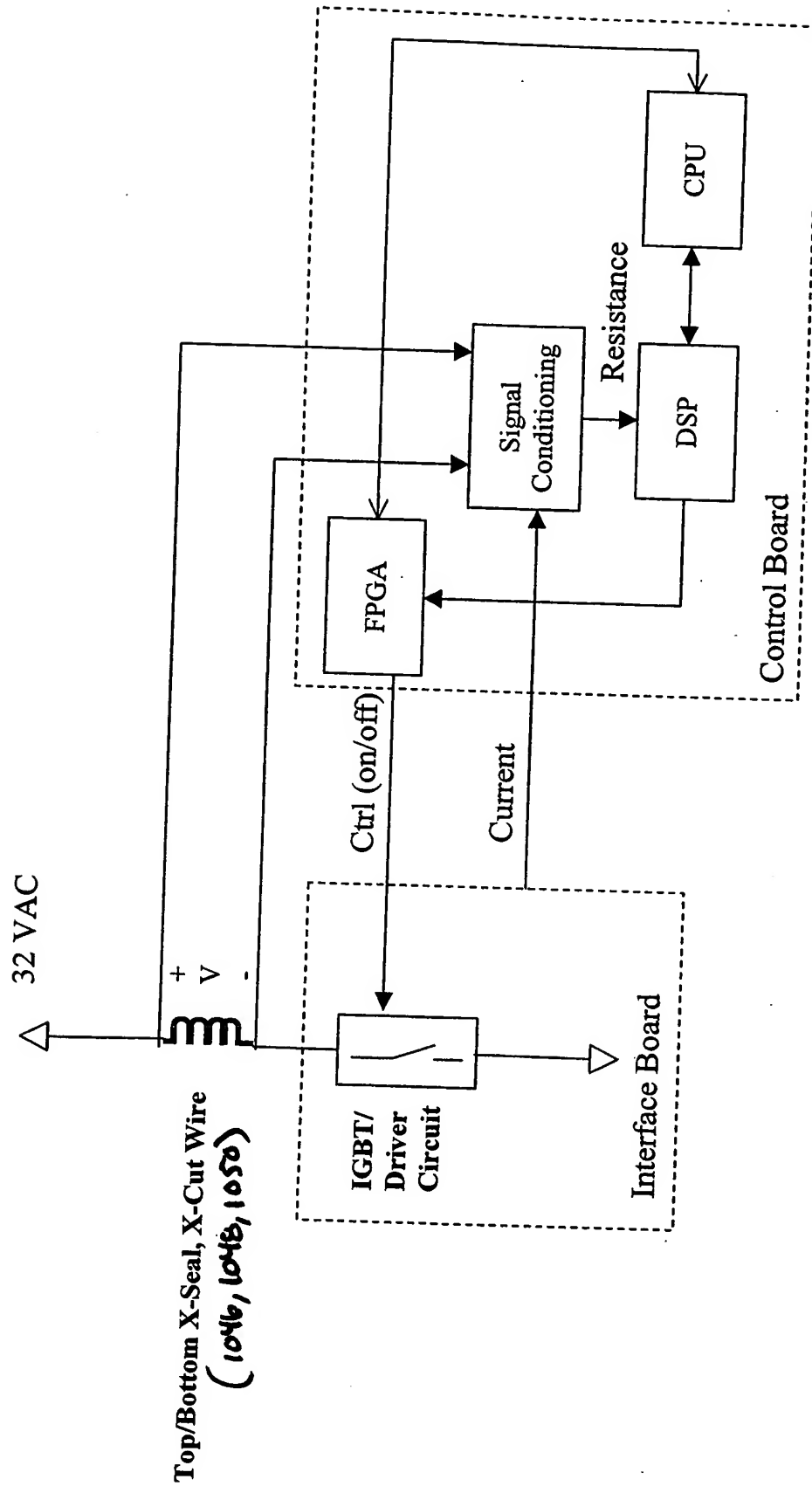
 = Idle Roller

 = Nip Rollers

 = Edge Seal Wire

 = Jaw Assembly  
(X-seal, X-cut,  
X-seal)

# Top/Bottom X-Seal, X-cut



# Edge Seal

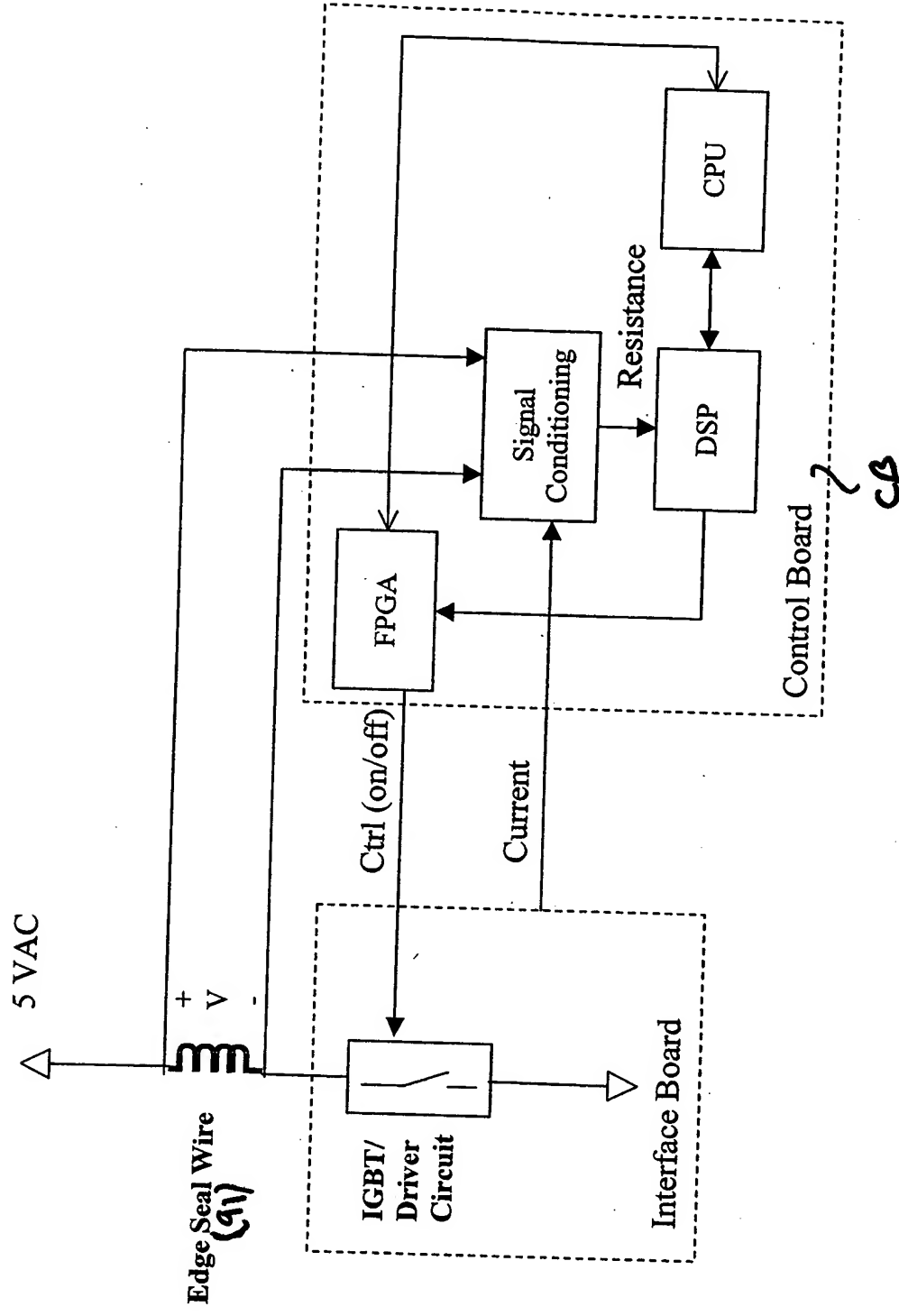


FIG. 188

# Moving Jaw

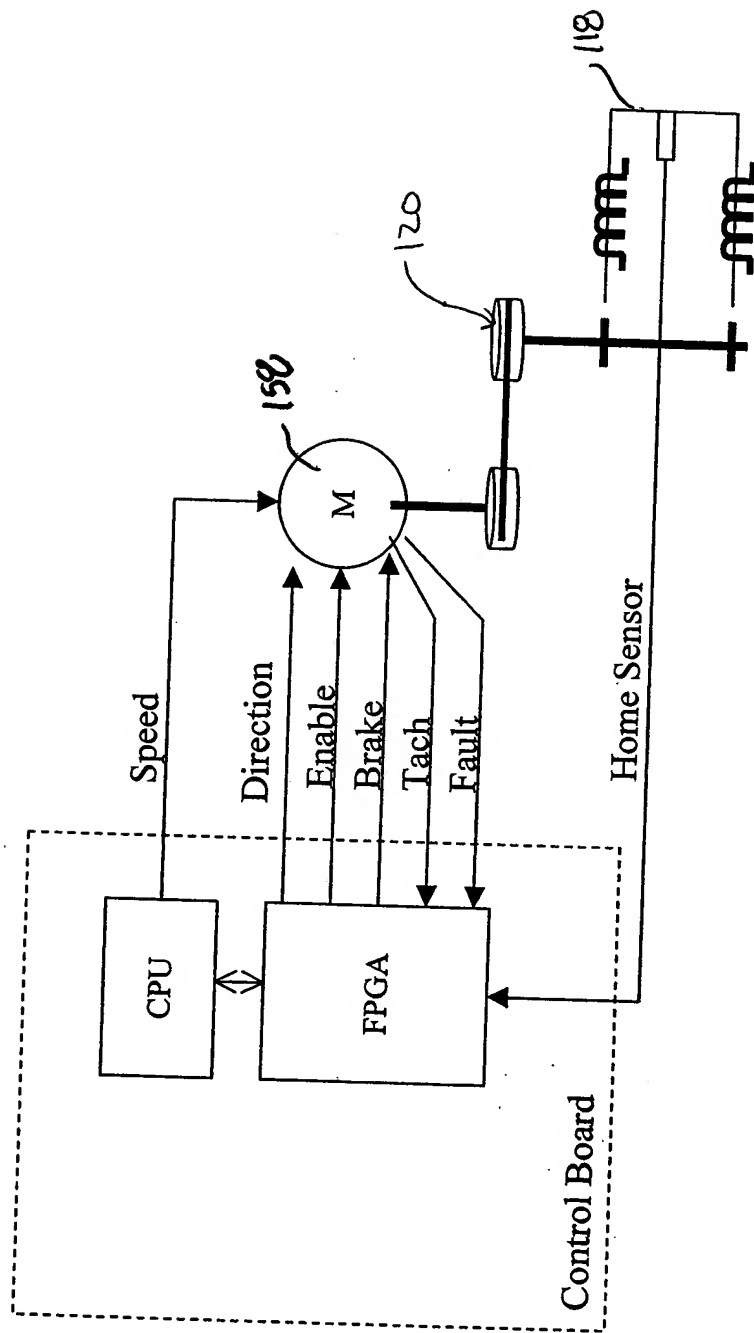


FIG. 189

# Chemical Dispensing/Tip Cleaning

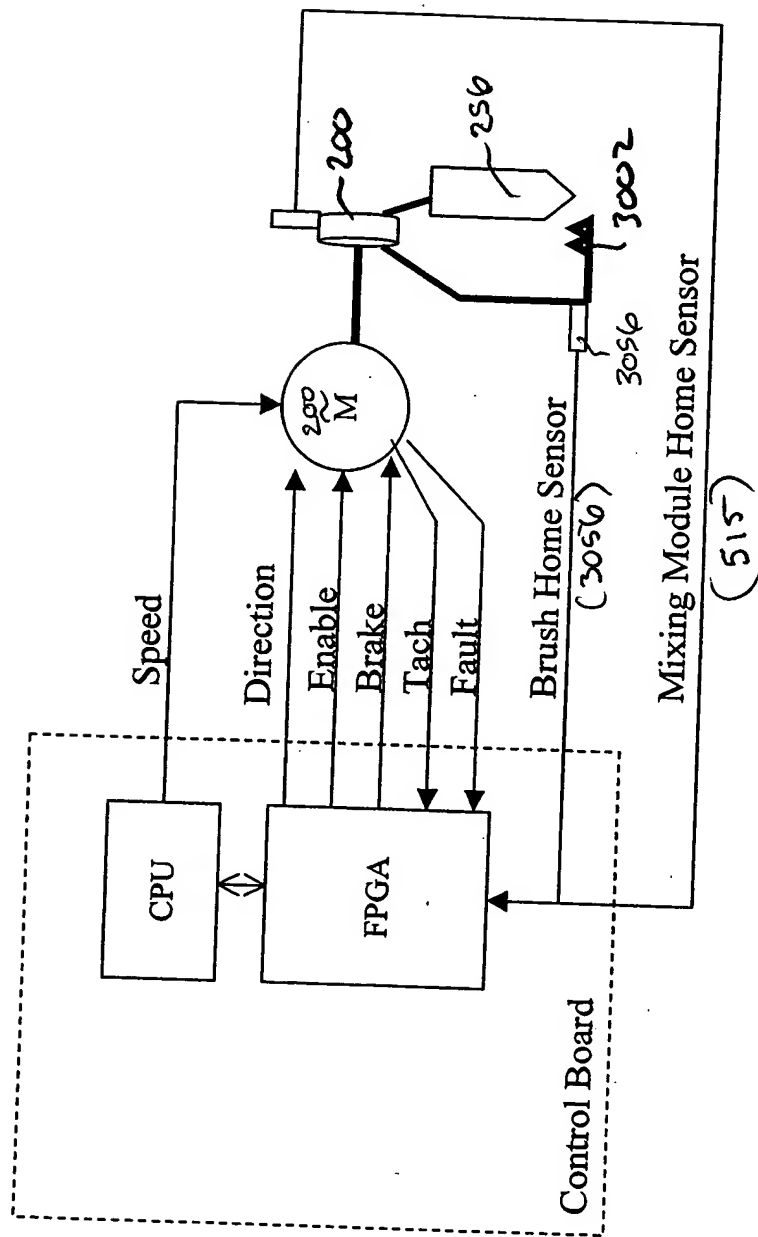


FIG. 190

# Film Advance/Tracking

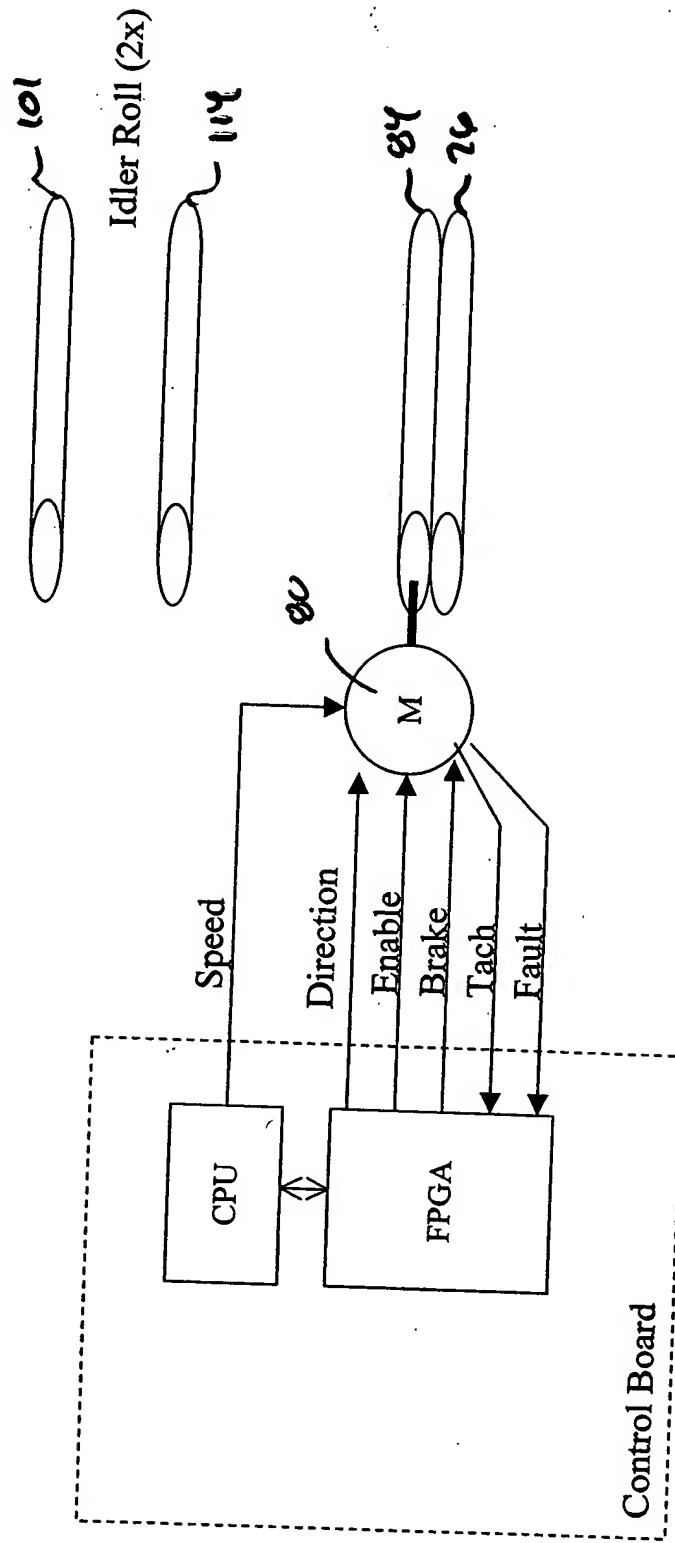
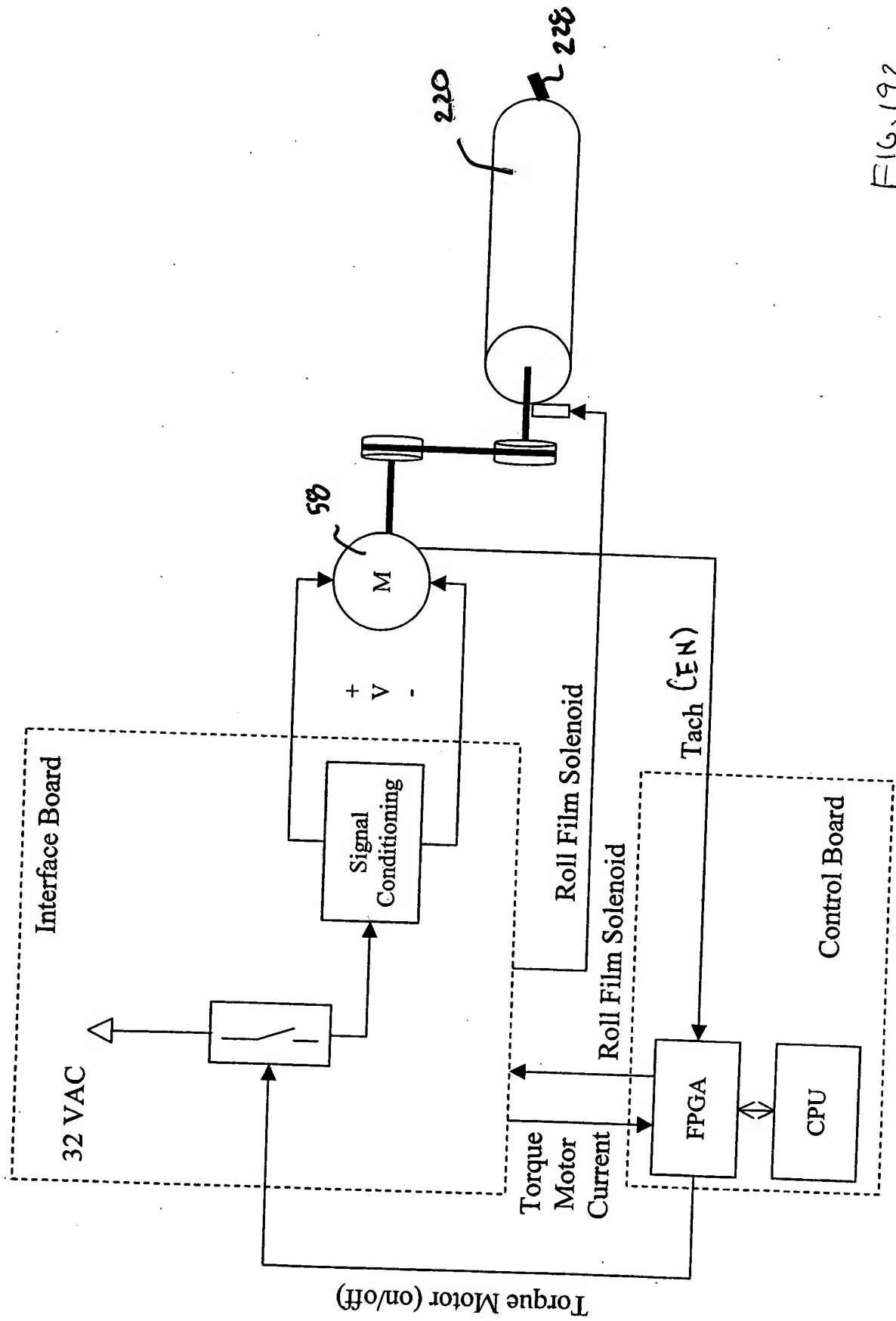


FIG. 191

# Film Tension



F16.192

# Chemical Temperature Control (Hoses)

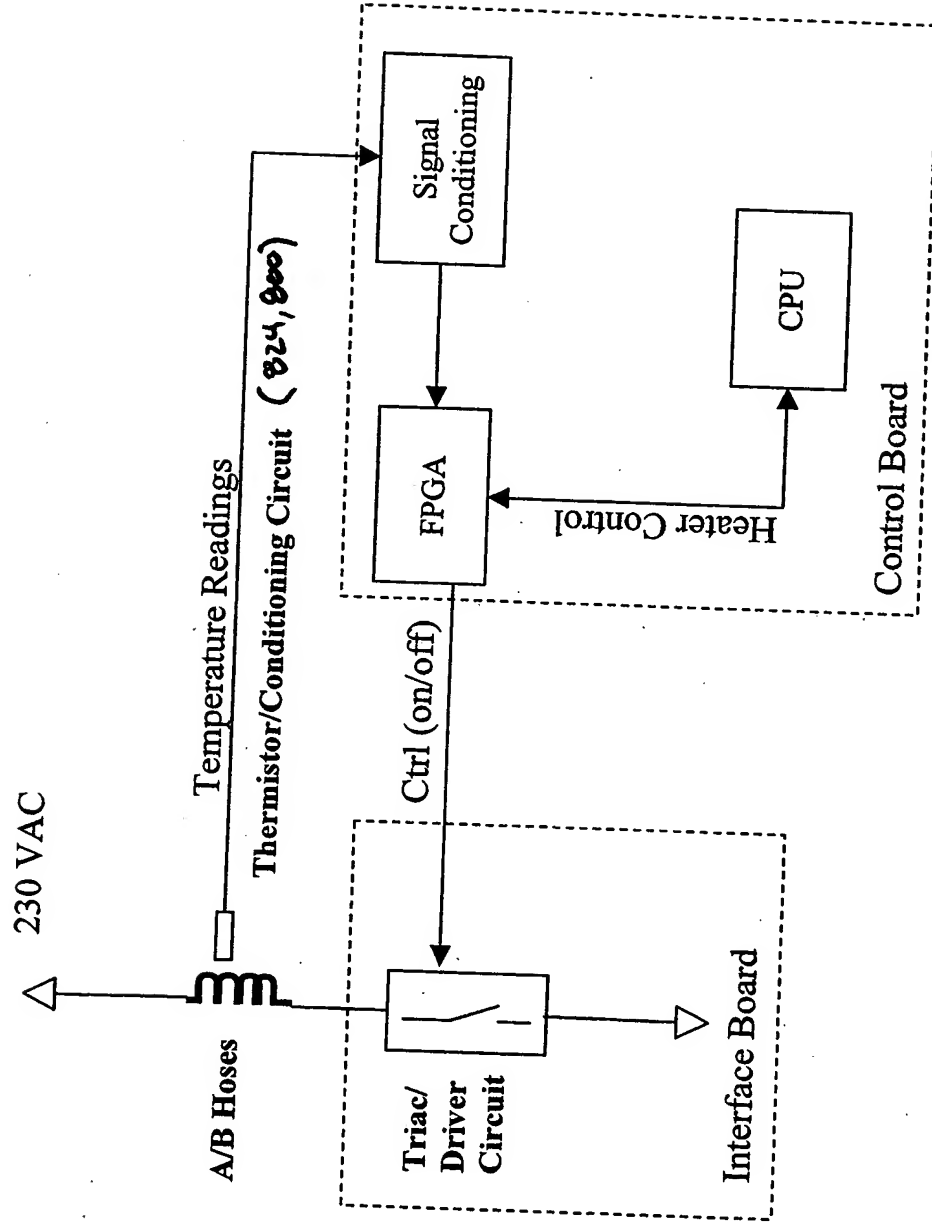


Fig. 193

# Chemical Temperature Control (Manifold Zones)

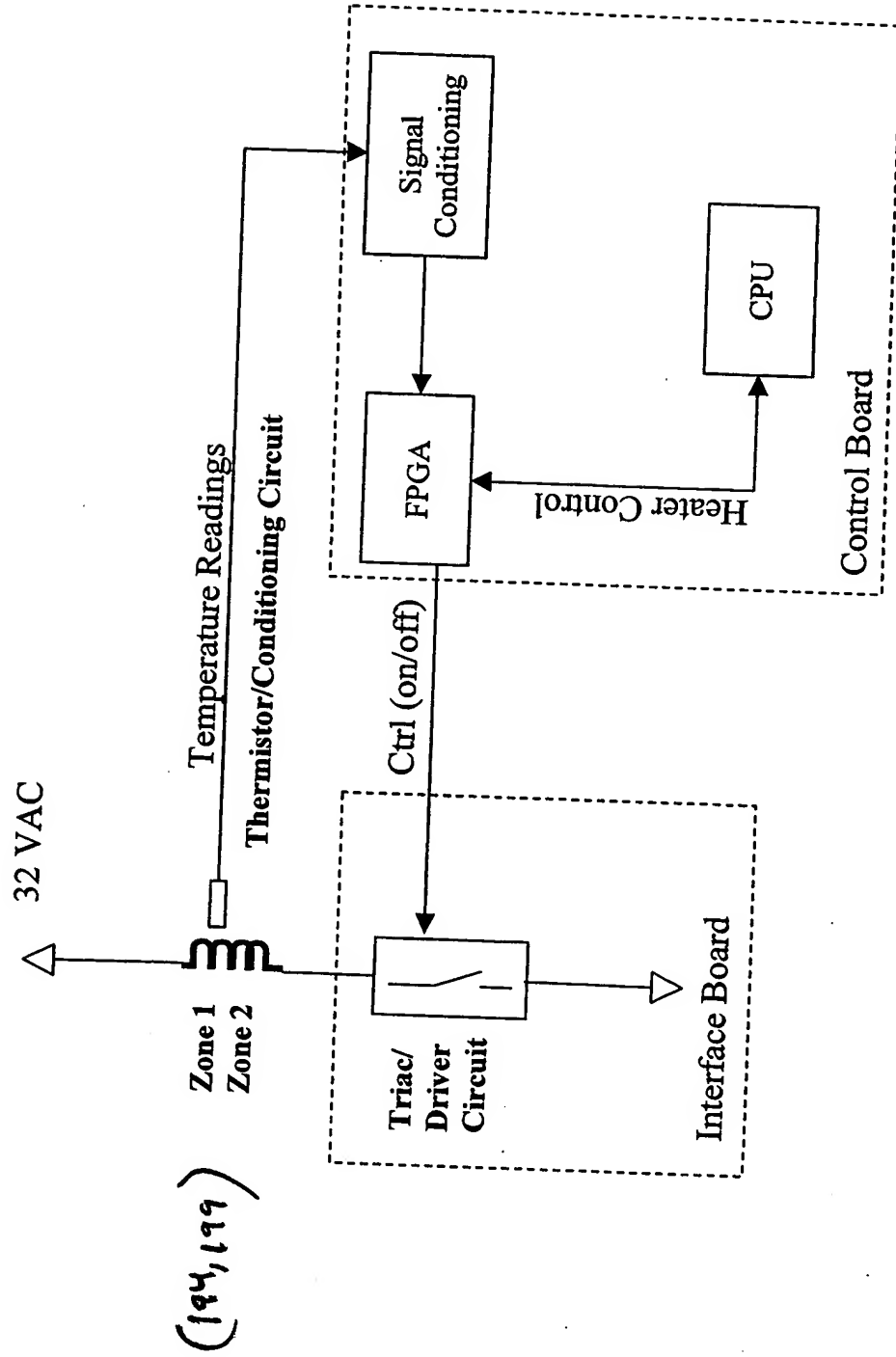


FIG. 194

# Chemical Pressure

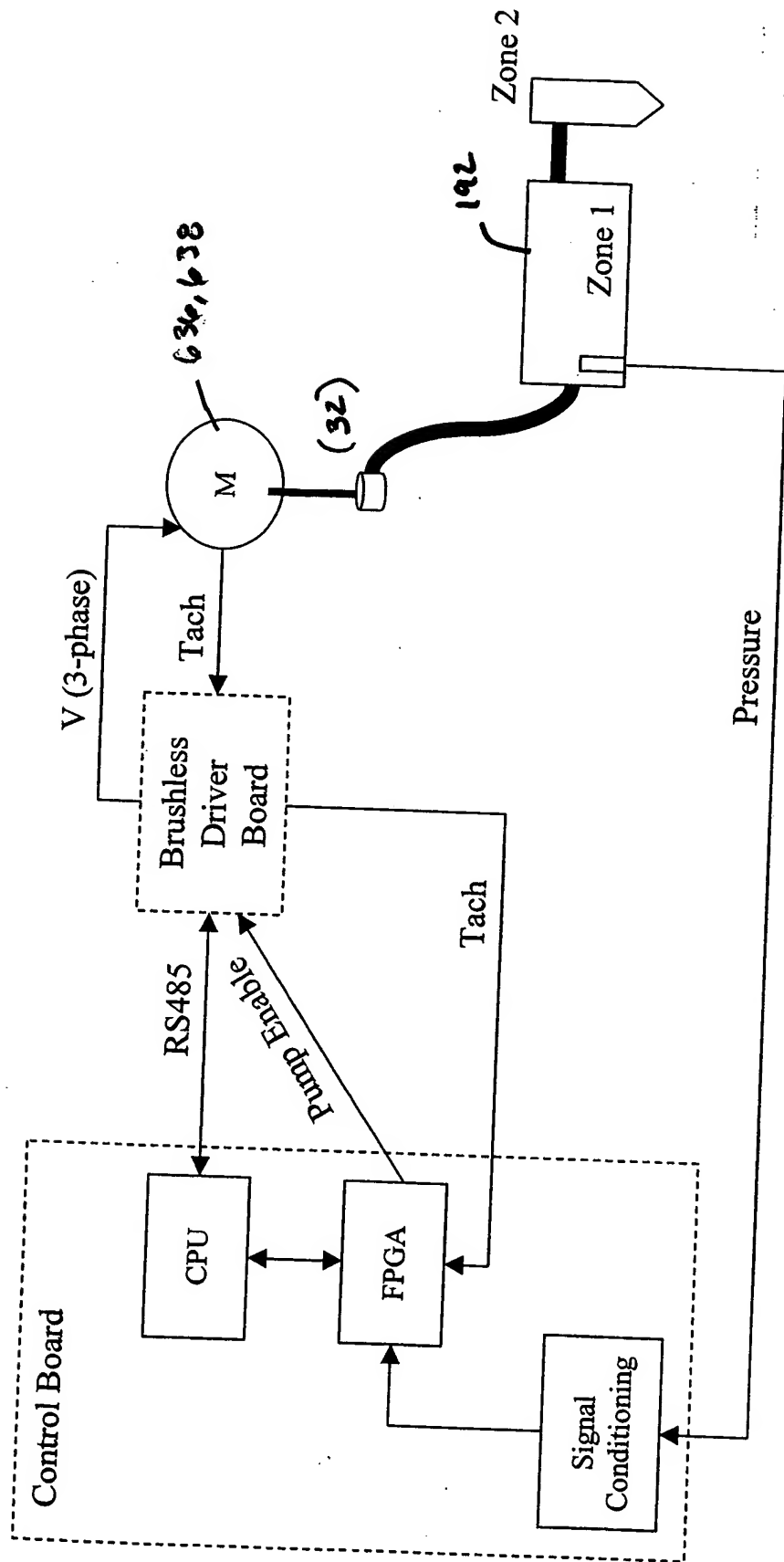


FIG. 195

# Solvent System Control

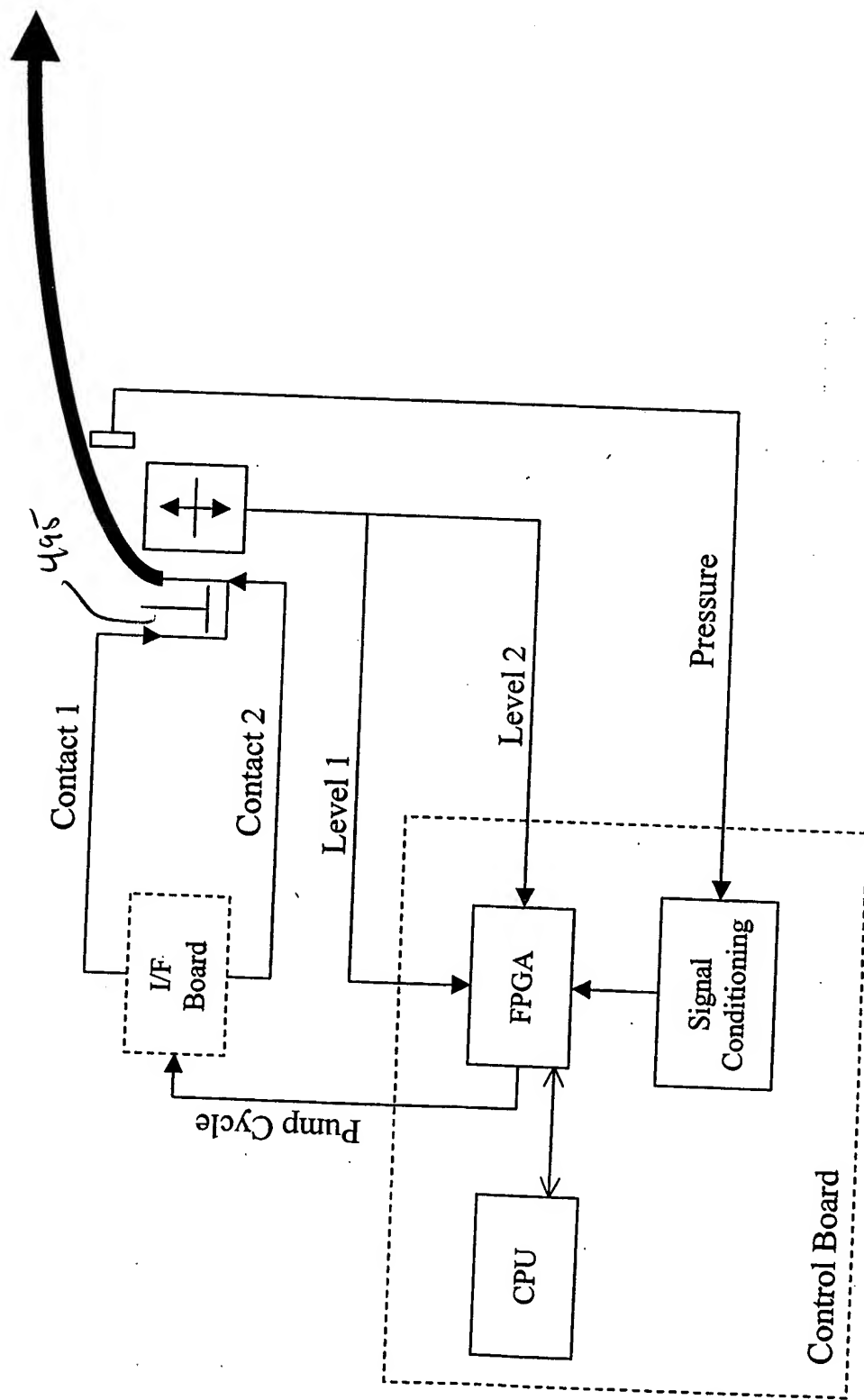
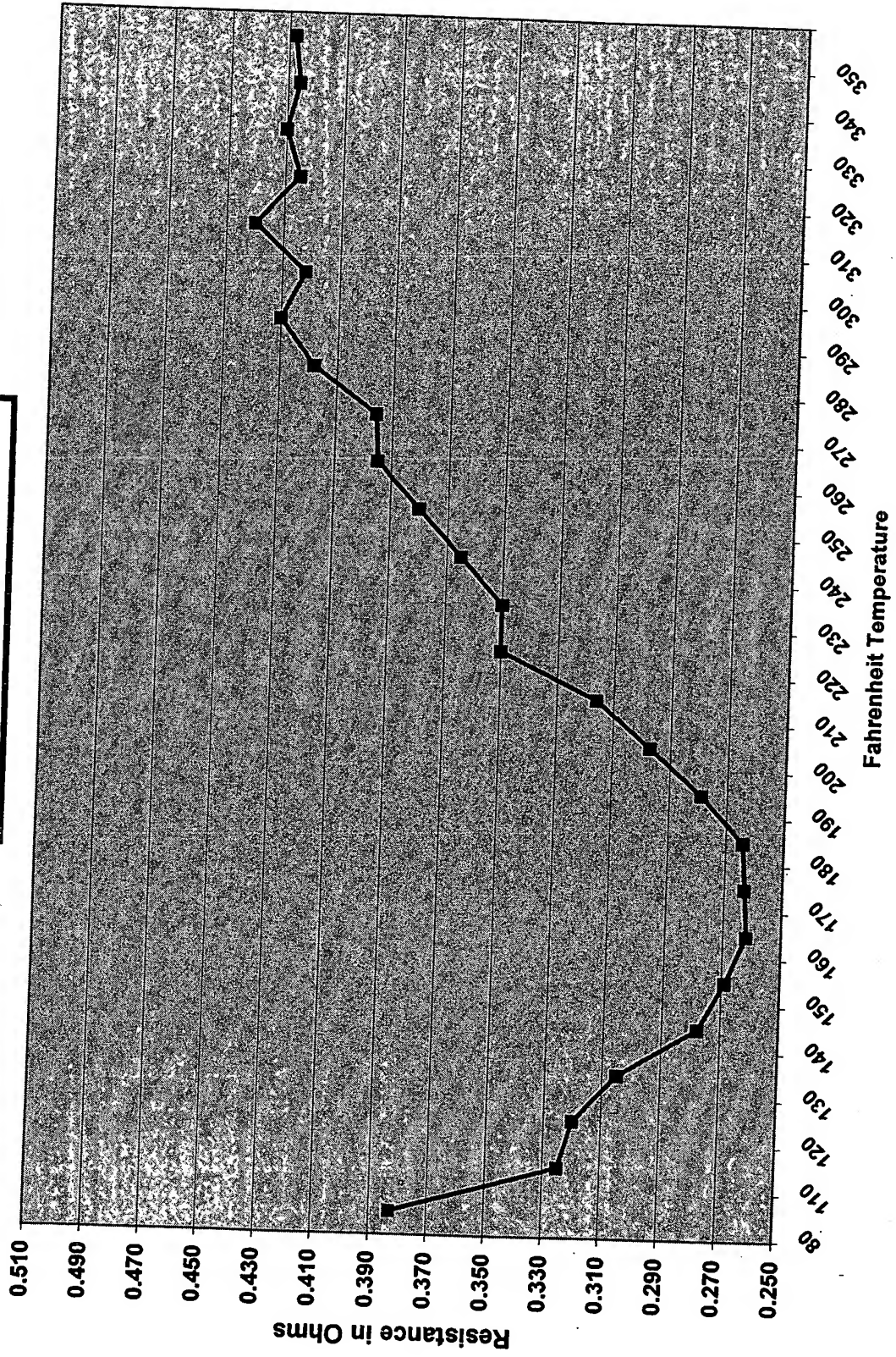


FIG. 196

FIG. 197

—■— TCR



# Film Advance/Tension Motor Tach Ratio

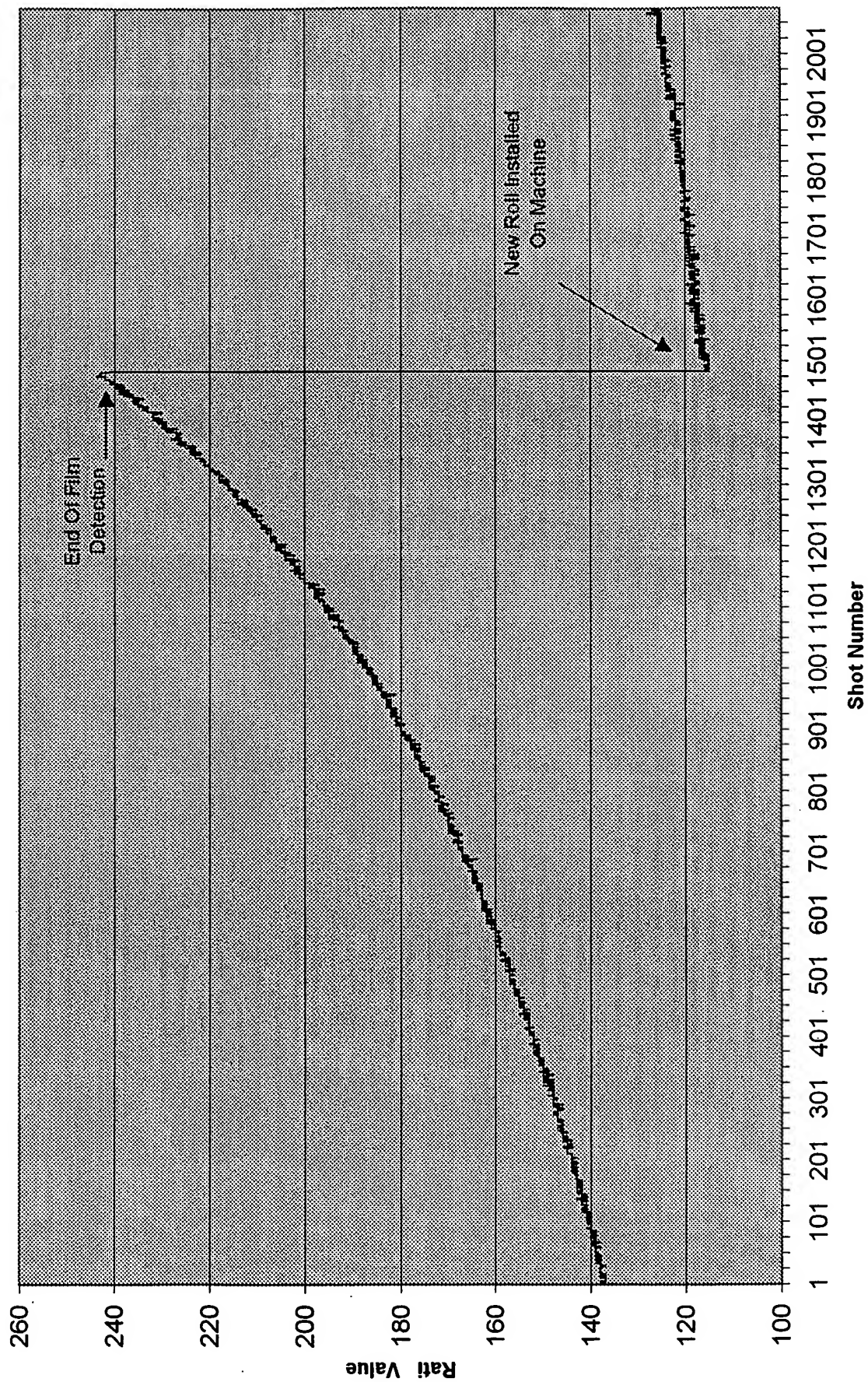


FIG. 198

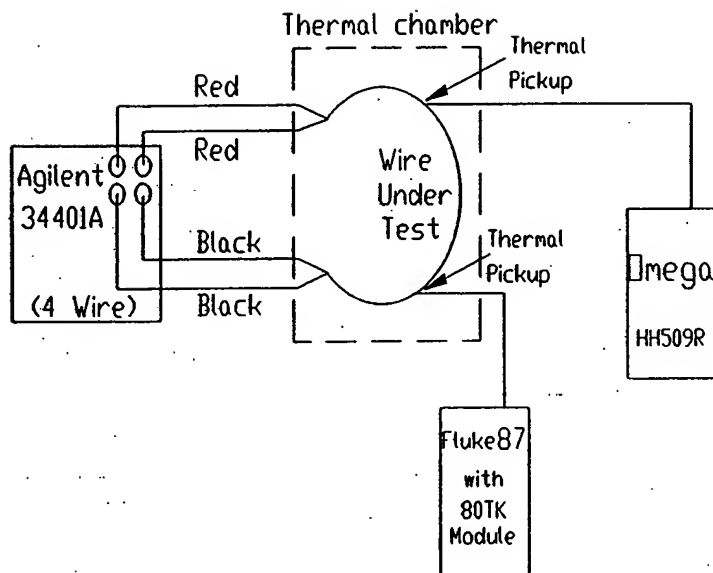


FIG. 199